Record Group 104. Entry 17.

Letters received by the Superintendent of the Mint from the Coiner, July 1877-1900.

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Box 1 for 1877-1900.

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Records of the U.S. Mint at Philadelphia
Correspondence

LETTERS RECEIVED BY THE SUPERINTENDENT OF THE MINT FROM THE COINER, JULY 1877-1900

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January 1st. 1.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to transmit herewith my Official Bond properly executed with Messrs Joseph D. Potts and William Snowden as Sureties, for the office of Coiner of this Mint.

I am sir
Very Respectfully
Your Obt Servt
O. C. Bayhell

By telegraph.

Philada. January 1st. 1877.

Hon. Henry R. Linderman
Director of the Mint
Treasury Dept., Washington D.C.

My Official Bond as Coiner, with Superintendent's letter of transmittal, mailed today.

O. C. Bosbyshell.

Jan. 3d 7.

Messrs. Jno. Dallett & Co.,
Philada

Gentlemen;

Of the 2½ Centavos spoiled blanks we have one box, weighing 1895 Grs, and of the 1¢ Centavos we have 5530 Grs in two boxes.

In counting up a box of 1000 pieces put up this morning, to check the weight as a sample, we find it runs 24 pieces over. Shall we continue to give as 1000 pieces 643 ounces - knowing from this sample that they run 24 pieces over?

In sampling a box of 10,000 pieces of 1¢ Centavos we find it runs 8 pieces short, or 776 ounces. We will endeavor to check the weight by more frequent countings in the future - so as to be certain of them running as full in the count.

Respectfully Yours,
O. C. Babysthell
Coin.

—

January 4th 7.

Hon. James Pollock,
Superintendent.
Sir;

I have the honor to report that the following Dies were used in the Coinage of 1856, 6 wit:-

Gold.	D.E.	Eagles	Half Eagles.	Three Dollars	Quarter Eagles.	One Dollar	Total.
Obverse	15	1	1	1	1	2	21
Reverse	13	1	1	1	1	3	20
Total	28	2	2	2	2	5	41

Silver	Trade Dollars	Half Dollars	Quarter Dollars	Twenty Cents	Dimes.	Total
Obverse	8	78	101	2	79	268
Reverse	8	67	108	2	69	254
Total	16	145	209	4	148	522

Minor	Five Cent Nickel	Three Cent Nickel	One Cent Bronze	Total
Obverse	119	7	39	165
Reverse	68	11	53	132
Total	187	18	92	297

Recapitulation	Gold.	Silver	Minor	Total
Obverse	21	268	165	454
Reverse	20	254	132	406
Total	41	522	297	860

This number agrees with the number reported by the Engraver, as delivered to the Coiner during the year 1876.

All of these dies were destroyed by the use of the forge and sledge, in accordance with the provisions of Section 51 Act of February 12th 1873, with the exception of the following Reverse dies, which were redelivered to the Coiner, for use during 1877, to wit:-

Dimes	11.
Five Cent Nickel	1.
Three Cent Nickel	3.
One Cent Bronze	1.
Total	22.

I have the honor to remain
Your Obt. Servant
O. C. Barbyshell
Coiner.

—

January 8th /.

Hon. James Pollock,
Superintendent.
Sir;

I have the honor to state that in accordance with verbal instructions received from you I have directed the overwork in this Department to cease at eight (8) o'clock P.M. during the present week.

I am
Very Respectfully
Your Obt. Servant
O.C. Barbyshell
Comr.

—

January 9th 7.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of the "Coinage Act of 1873," I have the honor to recommend the appointment of the following persons, to wit:

Miss Henrietta L. Smith as an Adjuster, at $1.75 per diem - to take effect on the 1st. of February.

Henry P. Hamell, as a Cutter, in the place of George Hamell, deceased, at $2.00 per diem, to take effect upon confirmation.

Very Respectfully
Your Obedient Servant
O. C. Babyshell
Coiner.

January 10th 7.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the "Coinage Act of 1873", I have the honor to recommend the appointment of Frederick W. Barnewall, as a Roller in this Department in place of John Gallagher Jr., resigned, at $2.00 per diem, to take effect upon confirmation.

I am Sir
Very Respectfully
Your Obt. Servant
O. C. Boyd Snell
Cashier

January 11th 7.

Hon. James Pollock,
Superintendent.
Sir;

It has long been felt that a more effective organization could be made in the Rolling Room of this Department, that would ensure better result.

John Dumm, the foreman of the Rollers, while a very excellent trustworthy man, is not efficient as a foreman, and cannot push the work of the rolls in a satisfactory manner. I have therefore the honor to recommend that Thomas H. Wilson be made the foreman of the Rollers at $3.50 per diem (present pay $3.) in place of John Dumm.

The latter can be very usefully and efficiently employed in the burring and cutting of strips.

The want of a responsible man at the head of the Annealers has also long been felt and to improve that branch

of our work, I have the honor to recommend that Ellis Menefee be made the foreman of the Annealers at $3.50 per diem.

With these changes I feel sure that the Department will be rendered vastly more efficient to energetically push forward the great amount of work now pressing upon the Institution.

Very Respectfully
Your Obt. Servant
O. C. Berryhill
Comr.

of our work, I have the honor to recommend that Ellis Menofer be made the foreman of the Annealers at $3.50 per diem - present pay $3.

These changes to take effect on the 1st of February.

With this reorganization I feel sure that the Department will be in a more efficient condition to energetically push forward the great amount of work now pressing upon the Institution.

Very Respectfully
Your Obt. Servant
O. C. Berry Bell
Comm

January 12th 7.

Special Notice.

For the information of this Department it is hereby announced that the following appointments have been made, viz:-

Thomas H. Wilson - Foreman of Rollers.
James C. Thorp, Foreman of Cutters.
Ellis Heuofer, Foreman of Annealers.

O. C. Babytheee
Comier.

January 15th 7.

To the
Honorable Judge of the
Court of Oyer and Terminer & Quarter Session's.
Sir;

Mr. John Reed the Foreman of the Cleaning Room in this Department is summoned as a Juror before your Court.

The Mint is now being pushed to its utmost capacity, and the absence of any of the Employees caused a hinderence in our work. Particularly would we be greatly inconvenience by Mr. Reed's absence. as the Room he has charge of needs the help of every man in it.

Under these circumstances, I trust You will have the goodness to excuse his attendance.

Very Respectfully
Your Obt. Servant
O. C. Bosbyshell
Coiner.

Jan. 15 7.

To the
Honorable Judge of the Court of
Q. S. & Quarter Session
D. Co.

W. H. Cannon a Cutter in this Dept. has been summoned as a Juror for your Court. Owing to the sickness of several of our employees, the absence of Mr. Cannon will cause us much inconvenience - particularly as we are working the Institution to its full capacity, to meet the demands upon it.

If possible, be kind enough to excuse Mr. Cannon from serving at this Court.

Very Respectfully
Your Obt Svt
O. C. Barksdale
Supt.

—

Jany 15th 7.

Hon. James Pollock,
Superintendent.
Sir;

For several months last, owing to the great pressure for the rapid production of Silver Coin, two employees, to wit; W. H. K. Smith on the rolls of the Minor Coinage Redemption Dept., and A. Singer, on the rolls as a laborer, have been employed in the Rolling Room of this Department. I have the honor now to request, that these men be regularly transferred to this Department, as follows;- W.H.K. Smith as a Roller, at $3.00 per diem, his present pay and A. Singer as a Cutter at $2.50 per diem - to take effect from the 1st. of January 1857.

I am Sir
Very Respectfully
Your Obt. Servant
O. C. Boileau
Coiner.

January 18th 7.

Hon. James Pollock,
Superintendent.
Sir:

In reply to the Director's inquiry respecting the working of the Double Eagle dies for this year, contained in his letter to you, received this morning, I have the honor to state that we used them yesterday for the first time, and found that they worked as well as any dies of the same denomination have ever done.

Our Coiners experienced no difficulty in piling them - they report that in this respect every thing worked perfectly satisfactory. Upon the whole I may state that the dies worked so well and the Coin made therefrom was so satisfactory, that it occasioned no remark whatever.

Very Respectfully
Your Obt. Servant
O. C. Babcock
Coiner.

—

January 18th 7.

Hon. James Pollock,
Superintendent.
Sir;

The condition of No. 9 and No. 10 Presses calls for prompt attention on the part of our Machinists.

The stake in the former Press (No. 9) is worn out - being cracked and broken.

There has been an effort made to keep duplicate stakes on hand. One for this Press is under way but not yet completed.

No. 10 Press is thoroughly out of order and the Machinists are now making very good progress towards ~~it~~ placing it in good condition again.

A sudden call for Quarter Dollars would embarass the Department very much, as the two Presses named are used to accomplish the work on that denomination of coin, in conjunction with the others.

I desire particularly to request

that the Machinist may be urged to hasten the completion of the work upon these Presses and would respectfully recommend that they be allowed to put four hours additional daily labor upon this work, as it is highly important to have it accomplished at as early a time as possible.

Very Respectfully
Your Obt Servant
O. C. Babcock
Capt.

January 19th 7.

Hon. James Pollock,
Superintendent -
Sir;

Agreeably to your instructions I have the honor to transmit herewith a list of the Employees in this Department, showing the per diem pay each one is receiving at present, and suggesting the amount of per diem pay each one should receive in my opinion.

Trusting that my suggestions in the matter may meet your approval I am

Very Respectfully
Your Obt Servant
Ole Bachelle
Comr.

Employees, Coiner's Department, Mint of the United States, at Philadelphia.

Names	Position.	Present per diem pay.	Proposed per diem pay.
E. Calhoun	Weigher	$5.75	5.75
A. Stief	"	4.25	4.25
Thos. Thompson	Counter	3.45	4.00
D. S. Fuller	"	3.45	4.00
J. S. Dorff	"	2.50	2.75
L. A. George	"	1.75	2.50
Henry S. Garrett	General Foreman	4.45	5.00
Thos. H. Dillon	Roller.	3.50	3.50
J. S. Bumm	"	3.50	3.50
R. H. Sommers	"	2.90	3.00
W. Vandenhenchen	"	3.00	3.00
J. F. Shroder	"	2.90	3.00
J. C. Hunterson	"	2.90	3.00
Bolivar Peale	"	2.90	3.00
J. W. Ackley	"	2.90	3.00
C. Cillingham	"	2.90	3.00
Jno. Cannon	"	2.90	3.00
W. H. H. Smith	"	3.00	3.00
J. A. Gorgas	"	2.90	3.00
Fredk W. Barnewell	"	2.90	3.00
J. C. Thorp	Cutter	3.50	3.50
J. H. Diefenderfer	"	2.90	3.00
J. C. Bowen	"	2.90	3.00
R. Gilfillan	"	2.90	3.00

2.

Names.	Position	Present per diem pay.	Proposed per diem pay.
D.K. Hartzell	Cutter	$ 290	300
W. McCullough	"	290	300
C.A. Barbyshell	"	290	300
Wm H. Hotz	"	290	300
H. H. Haigh	"	290	300
Elias Lenard	"	290	300
Jno. Gillespie	"	290	300
Thos. B. Jefferson	"	290	300
W. H. Murray	"	290	300
J. J. Barnard	"	290	300
A. Singer	"	245	300
F. H. Coles.	"	290	300
H. P. Hansell	"	290	300
W. Long	"	290	300
Ellis Hanofer	Annealer	350	350
J. H. Kinsley	"	300	310
W. H. Barnes	"	300	310
Adam Rule	"	300	310
J. F. Weyser	"	300	310
R. N. Barber	"	290	310
R. M. Courtney	"	300	310
A Rowley	"	300	310
W. H. Evans	"	290	310
J. F. Tomlinson	"	290	310
J. Reed	Cleaner	350	350
A. Crawford	"	300	300

3.

Names.	Position	Present per diem pay.	Proposed per diem pay
J. Hayter	Cleaner	$ 300	$ 300
F. Scheidt	"	300	300
E. Stone	"	300	300
E. Keyser	"	300	300
H. E. Rulon	"	290	300
J. M. Stewart	"	300	300
A. W. Downing	Coining Room	450	475
J. W. Helfrich	"	375	400
W. Eagles	"	300	310
Ellis Pugh	"	300	310
J. Vickery	"	300	310
E. R. Paquet	"	300	310
Michael Specht	Medal Room	325	350
George Wheatley	"	290	300
Sam'l Bailey	"	290	300
Stephen Smith Jr.	"	290	300

Ladies Roll.

Names	Position.	Present per diem pay.	Proposed per diem pay
C. C. Thorn	Adjutant	225	300
M. M. Almond	"	145	225
M. Stafford	"	175	200
C. B. Williams	"	175	200
L. Barclay	"	175	200
M. Loughridge	"	175	200
A. Rice	"	175	200
E. Moore	"	175	200
E. A. Sherman	"	175	200
M. J. Tunney	"	175	200
E. E. Latour	"	175	200
A. White	"	175	200
M. A. Jones	"	175	200
M. A. Griffith	"	175	200
A. A. Sanna tyne	"	175	200
M. Locke	"	175	200
J. McLean	"	175	200
M. J. Magill	"	175	200
Sadie E. Lewis	"	175	200
E. F. Sargent	"	175	200
E. B. Perkins	"	175	200
A. E. Noble	"	175	200

5.

Names.	Position.	Present per diem pay.	Proposed per diem pay.
M. L. Pollock	Adjuster	$1.75	2.00
Julia Matthewson	"	1.75	2.00
M. G. Maher	"	1.75	2.00
L. M. Hunton	"	1.75	2.00
A. L. Drego	"	1.75	2.00
E. S. Wise	"	1.75	2.00
H. M. Price	"	1.75	2.00
J. Wade	"	1.75	2.00
C. Moran	"	1.75	2.00
J. F. Heaver	"	1.75	2.00
E. M. Wagner	"	1.75	2.00
L. VanBrunt	"	1.75	2.00
M. A. Garachon	"	1.75	2.00
M. Wildey	"	1.75	2.00
J. M. Martin	"	1.75	2.00
M. J. Peckman	"	1.75	2.00
Gertrude Harris	"	1.75	2.00
Blanche Carroll	"	1.75	2.00
Sarah W. Murphy	"	1.75	2.00
J. A. Cheston	Cooking Room	1.75	2.00
M. Richardson	"	1.75	2.00
M. T. Bryant	"	1.75	2.00
M. E. Shuman	"	1.75	2.00
E. J. Milligan	"	1.75	2.00
A. L. Boneall	"	1.75	2.00
Kate Gibbon	"	1.75	2.00

6.

Names.	Position	Present per diem	Present Pay.	Proposed per diem	Proposed pay
E. Cannon	Coining Room	$	1/5.	$	2 00
K. N. Denton	"		1/5		2 00
Anna Longstreth	"		1/5		2 00
M. A. Cattell	"		1/5		2 00
E. P. Austin	"		1/5		2 00
R. A. McManus	"		1/5		2 00
M. Bailie	"		1/5		2 00
E. E. McAllister	"		1/5		2 00
M. C. Dougherty	"		1/5		2 00
E. R. Gillen	"		1/5		2 00
M. E. Janney	"		1/5		2 00
R. E. McCarty	"		1/5		2 00
S. Hamrick	"		1/5		2 00
M. Rudolph	"		1/5		2 00
L. C. Kohler	"		1/5		2 00
M. J. Harbison	"		1/5		2 00
M. E. Cresswell	"		1/5		2 00

January 20th 7.

Hon. James Pollock,
Superintendent.
Sir;

I have the honor to enclose the following bids from responsible parties, for furnishing the Mint with supplies, viz.-

		Appleton Drilling.	Atlantic A.	Pacific Extra.
Hood, Bonbright & Co.	(per yd.)	10 cts	9 cts	9 cts
G. B. Harris	"	10½ cts	9 cts	—
W. H. Pennell	"	9½ cts	8½ cts	8½ cts
		Fulton D.	Boot F. F. 4/4	Utica.
Strawbridge & Clothier	"	10 cts	9 cts	11 cts

Very Respectfully
Your Obedient Servant
O. C. Berryhill
Coiner.

Jan. 23rd 7.

Hon. H. K. Lindeman,
Director.
D. Sir;

Please send me Bond for Mr. Steel to have executed as Assistant to Lewis.

Getting along nicely with the Coinage - will keep the average supply up to the mark desired.

Very Respectfully
Your Obt Svt
O. C. Babyshell
Lewis.

=

Janᵧ 29ᵗʰ 7.

Hon. James Pollock
Superintendent
Sir;

I have the honor to enclose herein the Official Bond of Mr. William S. Steel as Assistant to the Coiner in this Mint.

Very Respectfully
Your Obt Servant
O. C. Barbyshell
Coiner.

June 30. 7.

Wm Jno. Dallett & Co.
124 Walnut Street.

Gentlemen.

Of the 2½ Centavos

we have delivered	1.236.000
On hand for delivery	272.000
Total coined	1.508.000
Planchets on hand	402.000
Total	1.910.000
Planchets required	90.000
	2.000.000

By this you see we will have to have 90.000 more than have been delivered to us. Better make it 100.000 to allow for imperfections.

Of the 1 Centavos we

have delivered	8.940.000
On hand for delivery	880.000
Total coined	9.820.000
Planchets on hand	80.000
Total	9.900.000
Planchets required	100.000
	10.000.000

The earlier we get these the quicker of course, we can have them ready for you.

Respectfully
Yr Obt Servt
O. H. Berghaell
Coiner.

28

Jan 31. 7.

My dear Sir;

Your favor of 29th inst is at hand.

The dies of the three inch Award Medal dies was received yesterday.

Mr Barber will prepare two (2) dies from it at the earliest possible time. His Department however, is overly pressed for dies for Carriage, and his furnace capacity is exceedingly limited.

He has furnished both the Supt & myself to push the work as rapidly as he can, without interfering with the production of Carriage dies.

I will urge the matter all I can - giving it my personal attention.

Very Respectfully
Yr Obt Svt
A. L. Boerbyshell.
Lieut.

Henry Mitchell Esq
5 Howard Ste
Boston Mass.

=

Febry 5th 1.

Mar. James Pollock
Superintendent.
Sir;

In reply to the request of the Director for "an estimate of the amount of gold which will be required to strike a medal from the new or reduced Life-Saving Medal dies;" contained in his letter of 3rd. inst, I have the honor to state that it will require Sixty-three $\frac{50}{100}$ Dollars (63^{50}) in gold. This is the amount these Medals will cost the Medal Department, and is the actual worth of the gold contained therein.

Very Respectfully
Your Obt. Servant
O. C. Beckwith
Cashier

Feby 6 7.

Hon. N. R. Linderman

Director &c

Dear Sir;

As you will remember, at the time of my appointment, despatch was required in forwarding my Bond. One of my Bondsmen, Mr. Joseph D. Potts, went on my Bond temporarily to expedite matters, with the understanding that I would file another, with another surety, so as to release him.

His reason is that he is already on the Bonds of a number of persons, and he does not feel justified in increasing his liability in that line.

Will you therefore be kind enough to forward me a blank bond with affidavit of surety, and I will have it prepared and return to you - the new bond to take the place of the one on file, and that one to be returned. Can this be done?

Very Respectfully
Your Obt. Servant
O. C. Barrett
Comr.

Febry 7th 97.

Hon. James Pollock,
Superintendent -
Sir;

I have the honor to transmit herewith Report of Gold Working Assayers' Dept for last six months of 1896, and Report of Silver Working same Dept. for months of Sept. Oct. Nov & Dec 1896.

Very Respectfully
Your Obt. Servant
O. C. Babyshell
Assayer.

Feb. 13th 7.

Asst. Dist. Attorney Ker—

Dear Sir;

Mr. J.C. Thorp,
who is a witness in a case
before your Court is the Foreman
of the Cutters in this Dept.
His absence from the Mills
puts us to a great deal of
inconvenience—

Can you not send a
Sp. Deputy here for him a half
hour before requiring his
services, so as to permit of
his work here going on?

By doing this you
will greatly oblige—
Very respectfully
Yours
O.C. Babyshell
Foreman

February 13 1.

Hon James Pollock
Superintendent
Sir.

In response to the letter of the Director of the Mint of 12th inst, requesting information respecting certain medal dies, I have the honor to state, that this Department is not in possession of the original dies, or of any duplicates, of the following medals:

General Wayne (for Stony Point)
Lieut Col de Fleury do
Capt Stewart do
Maj Gen Greene (for Eutaw Springs)

There is in the possession of this Department an original obverse medal die of Maj Henry Lee (for Paulus Hook,) made by Wright, and a new or duplicate Reverse of the same made by Barber. I do not know where the original reverse die of this medal is, but presume it was so badly used up that it was destroyed when the new one was made. We have

also the dies of the Diplomatic medals made by Barber. I return herewith the letter of the Director referred to.

I have the honor to remain
Your Obt Servant
C. Barbyshell
Cashier.

February 19th 7.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of the 'Coinage Act of 1873', I have the honor to recommend the appointment of Joseph Cusack and John Lord, as Helpers, in this Department, at $2.75 per diem.

These recommendations, if confirmed, to take effect on the 1st. of March next.

Very Respectfully
Your Obt. Servant
O. C. Boxbythell
Coiner.

Feby 21st 7.

Hon. James Pollock,
Superintendent.
Sir:

We have the honor to acknowledge the receipt, of a copy of the letter of the Director of the Mint, addressed to you, under date of the 20th inst, in reference to "a pair of Double Eagle dies and a collar from the Mint at San Francisco", damaged in "efforts to make them work", and which were forwarded to this mint, with the request that they be examined by us, with a view to have us furnish our "explanation of the causes which prevented a satisfactory execution of the coins."

Upon an examination of the dies with the collar forwarded, it is at once apparent that too much has been

taken off of the circumference of the dies, at least so far as the reverse die is concerned, - or in other words the dies, especially the latter, fit the collar too loosely. The size of the collar is correct, corresponding with our standard guage.

A piece struck in a loose collar, will throw up a fin, or sharp edge around the circumference of the coin - making it unpleasant to handle, interfering with the piling of the coins, and causing rapid abrasion.

In experimenting with these dies we had a new collar made to fit them correctly, and then struck several pieces in each collar. Those struck in the collar accompanying the dies, show the sharp fin alluded to and are defective in the reeding - whilst those struck in the new collar present as good an appearance, as any coin

we make here.

This experiment however developed the fact that the obverse die is slightly sunk. In striking coins this made them convex on the obverse, and in piling, if two obverses come together, the pieces will not sit firmly one on the other, but will rock.

This difficulty we found to be the case in the coin struck in either of the collars, and is, we think, coupled with the first trouble alluded to, the dies being too small for the collars, the explanation why an unsatisfactory coinage results.

We have the honor to remain

Your Obt. Servants

O. C. Boboychell

Coiner

Wm. Barber.

Engraver

Feb 27 7.

My dear Mr. Mitchell -

I have the honor to acknowledge the receipt of your letter of yesterday.

The process of producing dies from so large a hub is necessarily very slow & tedious - Certainly it is in this instance. We are however getting along very nicely, and hope to send you one (1) die by the last of this week - Two (2) others are under way - coming up very well, but very slowly -

Our men think that the dies off of the hub are going to be very good.

By the same mail with your letter I rec'd. a note from Col. Snowden, making the same inquiries you do, and have answered him as I do you -

I presume I should have let you know our progress before this, but hoped every day to be able to fix a time for the shipment of the die to you -

Very truly
Yr Ob't Servant
Ob. Babcock
Com'r

Henry Mitchell Esq.
5 Tremont St. Boston -

=

Feb. 24th 7.

Hon. James Pollock
Superintendent.
Sir;

I have the honor to state that Messrs Joseph Cusack and John Lord, both of whom I had the honor to recommend for appointment as Helpers in this Department on the 19th inst, come strongly recommended, the former by the entire membership of Post No. 2 of the Grand Army of the Republic, of this City, and some of the best citizens _ the latter Mr. Lord is warmly endorsed by a number of influential gentlemen, amongst them Mr. Ellis Phipps who pronounces him "a first class man in every sense of the word".

Trusting that they will receive your approval, I am

Very Respectfully
Your Obt Servant
Ob. Barbeau
Courier.

March 1st 7.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to state that in compliance with your and the Director's instructions we made an experiment this morning with two (2) new pairs of Double Eagles dies, finished for the use of the San Francisco Mint, and one (1) pair for the Mint at Carson City.

Two (2) of the obverse dies sank under the first blows given them. One (1) however stood. The coins produced from this one are faultless in every respect, save the fact that when two (2) obverses come together they will rock.

The difficulty is in the obverse die itself. The coin produced from that die is higher in the centre than on the outer edge.

This has not been the case with coin produced from Double Eagles dies of other

years. In changing the head to the centre of the piece, the alteration seems to have had the effect of producing coin higher in the centre than at the edge.

The difficulty experienced in piling the coins, when two obverses come together, cannot therefore be removed, in my opinion, unless a new hub be made, from which to prepare dies, corresponding in all respects with the hubs of other years, except in the placing of the head in the centre of the piece.

Under the circumstances I do not think it would serve the Mint at San Francisco, to send out the pair of dies experimented with, as they are evidently in no better condition than the ones already in use there.

I have the honor to remain

Very Respectfully

Your Obt. Servant

O. C. Babcock

Lieut

March 5th 7.

Henry Mitchell Esq
No 5 Tremont St. Boston.

My dear Sir;

I send by today's Express the first die off of the hub of the Award Medal, and can confidently pronounce it a success.

If you desire we can have the die turned down here to fit the collar, but Mr. Barber would prefer that it be hardened elsewhere, as he will not run the risk. He can harden it, but the risk of its cracking in the operation is so great he does not desire to assume it.

Two (2) other dies are under way - both coming up nicely - When these are completed we will furnish you a bill covering the expense attending all three.

Yours Very Truly
Your Obt Servant
O. C. Boyd Mitchell
Coiner

Mch 5 7.

Col. A. Loudon Snowden,
Post master, Phila.

My dear Colonel.

I have this day, sent to Mr. Mitchell, per Express, the first die prepared from the hub of the Centennial Medal of Award. and I think so excellent a judge as yourself would pronounce it a first class success. If you call in I can show you a bad impression from it.

Very truly Yours &c &c

Chas. Bosby Hall Engr

March 5th 7

Hon Jas Pollock
Superintendent

Sir

In compliance with the Wish of the Director of the Mint to have a report of the Amount of Coin made here for the Venezuela Government, verbally communicated to me by yourself this morning, I have the honor to state, that there was manufactured in all 12.000.000 pieces of Coin divided as follows.

10.000.000 pieces of Un Centavos value 100.000
2.000.000 " " Dos Y. media Cent " 50.000

I am Very Respectfully
Your Obt Servt.
O C Bosbyshell
Coiner

Mch 6th 7.

Mr. Geo. B. Soley -

Sir;

I have the honor to state, that the order for Venezuela Coin being completed, we have no further use for the old Coining Press loaned by you -

As we propose removing it, what disposition shall we make of it?

Very Respectfully
Yr Obt Svt
O. C. Babyshell
Coiner.

Mch 6th 7.

Hon. M. R. Leuderman,
Director -

Sir;

Will you please send me a blank "Official Bond" with two (2) Affidavits of Surety & Oath. I desire to place another Bond on record.

I am
Very Respectfully
Yr Obt Svt
O. C. Babyshell
Coiner.

Mch. 8. 7.

My dear Mr. Mitchell.

In reply to
Yours of 6th inst. Mr. Barber
has no objections to hardening
your dies of Award Medal,
but he decried it done at
your risk - of course he will
exercise as much care in the
operation as he knows how.

With the understanding
then that you will assume
all the risks attending the
hardening process, we will
have the dies named hardened

Salem Hurrah for Genl. Devens.

here. We will also make
a band shrunk around
the dies to preserve them.

Now about another collar.
I presume we had better
have a new collar made
here - so if it is decided
to have any medals struck
any where else, but in the
Mint, the dies can be
used.

Reciprocating your
"Hurrah for President Hayes"
I am Very truly
Your Obt Serv
O. C. Barbell
Asst

Henry Mitchell Esq
Boston, Mass

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March 12th 1-

Hon James Pollock

Superintendent

Sir.

In compliance with the instructions of the Director, contained in his letter to You of 9th inst. I have the honor to state, that Mess F. Eckfeldt & Dorrance & myself made a careful examination of the ten (10) pieces of. Do Eagles from the San Francisco Mint, Five (5) Struck from dies prepared here & Five (5) from dies finished in San Francisco. We Compared them critically with Five (5) Do Eagles of 1877. Struck in this mint with the following result.

The Five (5) Struck upon dies finished in this Mint & forwarded to San Francisco seem to be exactly like our own in Weight & general appearance. The five (5) Struck upon dies finished at San Francisco are shallower in the Centre than either of the other Coin, Consequently yielding

better. Miss Coins etc think are Satisfactory and there seems to be no objection to their being issued.

Very Respectfully
Your Obt Servant
O.C. Boxbythell.
Secretary

March 16. 7.

C. H. Hazzard Esq
Safe Deposit Bank
Pottsville.

My dear Charlie;

Your favor of yesterday enclosing half Dollar of 1836 upon which you wish judgment passed, received.

I think ex well of its genuineness that I enclose a brass new one of 1874 to take its place.

All our "experts" pronounce it a good piece.

If you desire the old piece again I will save it from the melting pot for several days, in order to hear from you.

Truly & Respy Yours
O. C. Babythell
Coyer.

March 19th 7.

Hon. James Pollock,
Superintendent.

Sir;

I have the honr to report the following delivery of Medals of Award to the United States Centennial Commission, per order of A. Loudon Snowden of 16th inst, viz:—

Five hundred (500)

Very Respectfully
Yours Obt. Servant
O. C. Borbyshell
Coiner

March 19th 7.

Hon. James Pollock
Superintendent.
Sir;

I have the honor to direct your attention, and that of the Director, to the matter of bronzing Medals.

I am thoroughly convinced that the manner of bronzing in use here, is far inferior to the system in vogue, either in England, France or Germany.

The mode of bronzing adopted by the Countries named leaves the medals polished where the die means them to be polished, and lustreless where the die so intends, and thus produces the artistic effect desired by the Engraver - whilst our method polishes the Medal all over - making it bright and shiny where the artist desired it to be dull and lustreless.

I have thought over this matter very carefully, and whilst we are now preparing

the Medals of Award to be used by the United States Centennial Commission, for distribution over the whole world, it seems proper that we should produce medals equal, if not superior, in every way to those of other countries.

I would therefore be pleased to have you permit experiments to be made with a view of securing a better method of bronzing our Copper Medals.

I have the honor to remain

Very Respectfully
Your Obt. Servant
O. C. Barby Bell
Engr.

Mch 19 7.

My dear Colonel;

Gov. Pollock is anxious to collect for every five hundred (500) Medals of Award delivered to the Centennial Commission, in order to keep his bills for copper settled up with. Oat + Son.

He desired me to write you for the name of the proper party & in whose name the bill should be made and also to whom the bill should be sent?

He would like you to stop in some day and consult with him and myself on the subject of bronzing in the matter of which I have applied for permission to make some experiments.

Very Truly
Your friend & Obedt
O. C. Barbybell
Comm

Col. A. London Snowden
Post Master.
Philadelphia.

March 19th 1.

Hon James Pollock

Superintendent

Sir

I have the honor to report that the Deys assorting machine purchased for this Mint has been placed in the Coining Room and is now in thorough working order.

This machine as you are aware is made to assort but three divisions of planchets, I have had it adjusted so as to reject into the heavy box all planchets over one & one half (1½) grains heavy, and into the light box all planchets under one & one quarter (1¼) grains light, the centre box catching all running remaining from one & one quarter (1¼) grain light to one & one half (1½) grains heavy, the rejected pieces are condemned and returned to the Melter & Refiner as chips for remelting. I have had this machine both

jected to several tests in order to ascertain its accuracy and in every instance have found it wonderfully correct. In two lots of 2,000 ounces of half dollar planchets each, I had the condemned or rejected pieces weighed carefully by our most experienced adjuster & found every piece to be in excess of the limit prescribed for the centre box as regards heavy & below the limit as regards light. I have also had several lots of these falling into the centre box tested by the adjusters and have found them in every case to run between 1½ grains light & 1½ grain heavy.

There is no doubt but that the machine can do all that is claimed for it, so far as accurately assorting the planchets is concerned, whether it will continue to do so, must of course be proven by experience.

To be of any practical use to the mint, there should be either four or five additional machines similar to the one on hand as its capacity is only Eighty (80) pieces a minute, barely sufficient to keep one coining press in operation.

In order to secure an accurate coinage

of Subsidiary Coin, inasmuch as we do not adjust them by hand, I am very thoroughly convinced that these machines (or some machine that will do the same work) are necessary.

The experiments already made develope the fact, that with the utmost care used in the rolling & drawing of Strips, one per cent of the Coin are either heavier or lighter than the tolerance allowed by law. It may not practically make any difference that this is so, but knowing the fact, learning it through the Assay machine, renders it a matter of grave moment, whether we are not bound to apply every test we can, to prevent the issues of Coin outside the legal limit of tolerance, and if this is so, Whether it is not the Duty of the Mint Officials to secure enough of these machines to do the work required. I have only tested half dollar planchets, for a few days & hope to make a report of experiments made with Quarter Dollar & Dime planchets.

I have the honor to be
Your Obt Servant
A. C. Babcock
Coiner

March 20th 7.

Hon. James Pollock,
Superintendent.
Sir:

Mr. Anthony C. Paquet, Engraver, has left in my possession a pair of Half Dollar pattern dies, which he has prepared at the request of the Director, and which he desires turned down by our Machinists to fit our Coining Presses. He is willing to make compensation for the time used by the Machinists in this work.

Will you be kind enough to designate your approval or disapproval of having the work done here, and if the former, whether it shall be done by the Machinists under the Engraver, who do this work on our own dies, or by those under Mr. James.

I have the honor to remain
Your Obt Servant
O. C. Barbyshell
Coiner.

Mch 20. 7.

Henry Mitchell Esq
805 Fremont Street, Boston.

D. Sir;

I send by to day's Express two (2) additional dies struck up from the hub of the Award Medal. both beauties.

When can be expect die forwarded you?

Very Respectfully
Yr Obt Svt
O. C. Barbour
Comr

March 21st 7.

Hon. James Block,
Superintendent.
Sir;

I have the honor to inform you that Col. A. London Snowden directs me to have the bill for the Centennial Medals of Award, made out in his name, representing the Centennial Commission.

Very Respectfully
Your Obt. Servant
Ob. Bobyshall
Comr.

March 24 1

Mr Geo B Doley

D. Sir

It affords me great pleasure to say, that the first Steam Coinage Press ever in use in the Mint, purchased by You some time since, and recently run here in the Coinage of One Cent pieces for the Venezuela Government, is in good working order and performed its allotted task in a very gratifying & satisfactory manner. The Press is in good working Condition.

Very Respectfully
Your Obt Servt
A. L. Boxbyshell.
Coiner

March 26th 7.

Hon James Pollock,
Superintendent.
Sir;

I have the honor to report that during the past week, an experiment was made with Quarter Dollar Planchets on the Seyss Machine. About fifteen hundred dollars (1500) of Quarter dollar planchets were used, and there was not found a single piece beyond a grain and a half heavy, or one below one and a quarter grains light. Of course the liability to error in the Quarter Dollars or Dimes, is not so great as with Half Dollars. but it was very satisfactory to find the Machine so accurately developing the fact.

I have requested the Melter and Refiner to furnish me two (2) additional melts of Quarter Dollar Ingots - one of narrow ingots and one of the wide ingots - for further test. These will

be delivered tomorrow and by Wednesday I hope we can see whether the planchets are as accurate as those reported above, and also note whether there is any difference in planchets struck from narrow ingots, and those from the wide, as to accuracy.

The machine will be adjusted for Dime planchets today.

The result I will report to you as soon as ascertained.

All the experiments and test thus far made confirm my opinion expressed in my report of 19th inst, that there is no doubt but that the Seyss Machine can do all that is claimed for it.

I have the honor to remain

Your Obt. Servant

O. B. Babcock

Capt.

March 26. 7.

Wm Barber Esq
Engraver.

Sir;

I have the honor to state, that upon examining a pile of ~~twenty~~ (20) Double Eagles, struck from dies prepared off of a duplicate hub of the reverse, and comparing the same with twenty (20) struck from a pair of dies prepared from the original hub made at the time of the Mr. F. Eckfeldt's investigation, I am thoroughly satisfied of their uniformity in every respect.

Very Respectfully
Your Obt. Servant
Ob. Boerstler
Coiner.

March 27th 7.

Hon. James Pollock,
Superintendent.
Sir;

I have the honor to state that the Seyss Assorting Machine has been tested with Dime planchets this morning.

About 181.300 pieces passed thro' the machine. Out of this lot but two (2) pieces were discovered below the limit of tolerance for light. These were pieces evidently cut out of the pointed end of the strips, and but for the delicate scrutiny of this Machine would most probably have passed into coin and been issued as such, without detection.

There were no pieces found in excess of the limit for heavy.

Very Respectfully
Your Obt Servant
O. C. Parkhurst
Coiner.

March 28th 7.

My dear Colonel.

Your favor of 27th
just at hand.

As nearly as I can
tell the first three (3) inch
brass medal was struck
on the 26th January.

I have no record
of the receipt of the dies, but
Mr. Mitchell was here during the week
ending Jan. 27th - waiting until
the dies were used, and I
remember very distinctly his
examining the first struck.

He left on the 27th Jan-
so the 26th is within a day
or two I'm certain.

What about trying a
new style of bronze? When
will you drop in? Only
waiting an interview to ex-
periment.

Very truly
Your friend & Obt Svt
O.C. Barbyhell
Coins.

A. Loudon Snowden Esq
Post Master -
Philada

March 30 /.

Henry Mitchell Esq
5 Tremont St. Boston Mass.

Dr. Sir;

I am exceedingly sorry to say that the new die recently furnished by you, the first one made from the hub, is cracked beyond reparation.

It reached here a few days ago, with a reverse. the latter had an iron collar shrunk around it, whilst the former (obverse) had not.

We had an iron band put around it, and in the operation, it broke. This never occured before, in the recollection of any one about the Institution. Whether the steel was defective, or whether it was not properly hardened, or what the cause of this disaster, I am at a loss to say. I trust we may shortly receive another obverse.

In the meantime we will endeavor to use this cracked die in giving the medals their first four shots - then for the two finishing blows use a new & perfect die.

Very Respectfully
Your Obdt Servt
O.C. Barbydell
Engraver.

caused it to crack.

Very Respectfully
Yr Obt Lt
O. C. Baby Weil
Comdg

April 2nd 7.

Mr. Henry Mitchell
No. 5 Tremont Street Boston

Dr. Sir;

I have the honor to acknowledge the receipt of your letter of 31st ultimo and I will send you about one fifth of this Gun Rack.

Mr. Barber told me to day that if you will so direct he will cheerfully harden the chair for you. We rather suspect that some defect in the hardening of the last chisels

April 3 /.

Hon Dav Pollock
Superintendent
Sir:

I have the honor to enclose the following Reports for the Quarter ending March 31. /. 1871.

Report of Fine & Stand Gold & Silver Bullion used in the manf of nat & other Medals
" " " Gold Medals of a National Character
" " " Silver " " " "
" " Gold Proof Coin
" " Silver " "
" " Copper (bronzed) Medals of a National Character
" " Copper used in the manufacture of Bronzed Medals.

I am Very Respectfully
Your Obt Servant
C. C. Boerstler.
Coiner

April 11th 1857

Hon. Robert A. Hill
Superintendent Operative Department,
Royal Mint, London - England.

Sir;

A few days ago I had the honor to read in the report of the Deputy Mint Master of your Mint, for the year 1856, your observations respecting the coining bench of that Mint. In it you refer to having found that for certain coin, the use of the draw bench and the blanching of the blanks could be, and had been dispensed with, as well as the annealing of the same. The coins produced were, in your opinion, equal to those made from strips drawn and annealed, and from blanks blanched.

I should be under many obligations if you will kindly state whether you continue to find these observations correct, and if so, whether you will favor me with an explanation of your mode of

manipulating the Strips from the rolls without annealing, and also what process you employ to avoid whitening or blanching the blanks?

If I can at any time be of service I shall be most happy to acipo-cate.

Sam Sir

Very Respectfully

Your Obedient Servant

C. C. Babyshell

Courier.

April 18th 7.

Henry Mitchell Esq.
No 5 Tremont Street,
Boston. Mass.

My dear Sir,

Your favor of 16th inst is at hand.

Enclosed please find bill for making the three (3) Centennial Award Medal dies from the hub. We have put this work down to the actual cost. I also send two (2) Vouchers for your signature when you transmit the amount due.

I cannot say how the stamping is getting along, except so far as our work in the Mint is concerned. Mr Krider has I believe delivered some 500, but I do not know how many, if any more. He is using the first dies yet.

We have delivered 500 and have under way 500 more. We use the second die, the one that cracked in stamping, and annex it, to give us Medals the first three photo, finishing them in

three more blows off of the last die you sent.

We do this to save the good dies, and find it to work very well.

With kind regards I am

Very Respectfully

Your Ob. Serv.

O. B. Babyshell

Capt.

April 25th 7.

George D. Hanna Esq
U.S. Assay Office
Charlotte N.C.

Dear Sir;

Your letter of March 24th to Col. A. Landon Snowden, late Coiner of this Mint, relative to cost of apparatus "needed for a coinage of $ 50,000 gold for amount" he has requested me to answer.

It is rather difficult to send a satisfactory reply to an indefinite an inquiry.

For as light a coinage as you suggest, as much machinery would be required as to do twenty times the amount.

As nearly as I can determine it would require from twenty to twenty-five thousand dollars to fit up Coining Machinery to do what you wish.

Very Respectfully
Your Obt Servant
A. E. Roberts
Coiner.

—

April 25th 7.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to state that I have read the communication of A. M. Kenaday Sec. Nat. Assn. Vets. of Mex. War, addressed to Dr. H. R. Linderman Director dated 6th inst, and handed to me by you. In this letter Mr Kenaday complains of the price charged by the Mint, for the manufacture of the Medals made for the Mexican Veterans Association.

In estimating the cost attending the manufacture of these Medals, we went over the ground very carefully, so as to furnish them at the lowest possible figure, and the price fixed, i. e. 30 Cents each. was the actual cost to the Government.

I am Sir
Very Respectfully
Your Obt. Servant
O. C. Barbythell
Coinr.

April 26th 7.

Hon. James Pollock
Superintendent.
Sir,

Refering to the conversation had with you, and the Director, a few days ago, in regard to the force employed in this Department, with a view of making some reductions therein, and to your verbal request that I should write you my views touching the matter, I have the honor to state, that so far as the men employed in this Department are concerned, I see no possible way of getting out the coin desired, with a less force than is now employed.

The work is well systematized, and is carried on with despatch, and regularity - every man being accustomed to his particular branch of it. All are employed. none are idle.

As to the lady employees - those in the Coining Room have a very regular supply of work - as selecters - millers - feeders and counters - We would be crippled with a less force -

In the Adjusting Room, we have no more force than is required to get out a moderate coinage of Trade Dollars and gold, and when not employed in adjusting the coins named, we find sufficient work to employ the force in the manufacture of bags for silver coinage quantities of which are being used daily.

The retention of our present force of adjusters would be wise also, in view of the large demand for Trade Dollars, that seems to be springing up.

Upon the whole I do not see how any reduction would be warranted in the force employed in this Department at present.

Any such action, would I fear, so cripple our productive capacity, that we could not meet the demand on us for coin.

Very Respectfully
Your Obedient Servant
C. B. Babcock
Cashier.

April 27th 7.

Hon. James Pollock
Superintendent.

Sir;

I have the honor to request permission to engage the services of Mr. Adolf Westermaier as a Special Employee in this Department for one month, at Two dollars ($2.00) per diem, to take effect on and after May 1st 1874.

I make this request in order to have Mr. Westermaier familiarize our workmen with the management of the Feeis Assorting Machine.

Very Respectfully
Your Obt. Servant
O. B. Bradford
Coiner.

April 28th 77.

Hon. James Pollock
Superintendent.
Sir;

In accordance with the provisions of the "Coinage Act of 1873" I have the honor to recommend the appointment of Miss Mary M. Yeager and Mrs. Mary J. Howe as Assistants in this Department at $1.25 per diem, to take effect upon May 1st 1877.

Very Respectfully
Your Ob. Servant
Ob. Bickyhell
Cashier.

April 30th 1877

To the Employees of the Coining Dept:

It gives me great pleasure to inform You that the Director and Superintendent have both expressed themselves highly pleased with the result of the Coinage for the present year, and they have orally and by letter, Commended your faithful performance of duty.

They earnestly desire that every effort be made to get out during the remaining weeks of the fiscal year, as much coin as possible, and to this end trust that the same faithful & Conscientious performance of duty may prevail.

Although there seems some disposition in Government circles to require 10 hours as a days labor, there is no desire on the part of the Mint officials to alter the present regulations, but it is expressly enjoined, in view of the Coinage required, that the 8 hours of labor (or more if necessary) be fully & completely occupied in the work of the Mint

O. B. Caldwell
Asst

April 30th 7-

Hon H. R. Linderman
Director
Sir:

I have the honor to acknowledge the receipt of your letter of the 29th inst. enclosing blank form of Bond to be filled up in the sum of Ten thousand Dollars to bear date July 1st 1877.

I am exceedingly obliged to You for your kindness in this matter, and will have the Bonds all ready at the time named.

Very Respectfully
Your Obt Sert
O. C. Barbehell.
Coiner.

April 30th 7.

R. R. Morris Esq
Pottsville, Pa.

My dear Sir;

I have the honor to acknowledge the receipt of your letter of 28th inst, inquiring the disposition that can be made of Spanish Dollars, Quarter & Eighth & English Silver Pieces.

It is rather a difficult matter, without a test, to say exactly what you could realize from them, by depositing here.

We take deposits of Silver in sums not less than $100. and pay the proceeds when such deposits in Trade Dollars, or Fine Silver Bars, as the depositor may elect. As nearly as I can get at it the coin you name would probably net you say 15 per cent less than the face value, in American Silver, or for every hundred dollars deposited, $85 would be netted. The result might be more. I do not think it would be less.

Trusting that I may meet your expectations I am

Very Respectfully
Your Ob't Ser't
Oliver Bailey Cashier

May 1st 7.

My dear Mr Mitchell.

In compliance with your request, I take great pleasure in stating that the last obverse die of the Award Medal furnished by you, was received in good order. was successfully hardened, and a bend shrunk around it without accident.

It has been in use for several days, and works to our entire satisfaction. Mr Specht thinks this the best of all the dies yet used.

Enclosed please find a bill for the work just on this new die, and [illegible] is ten dollars $10.

Very Respectfully
Your Obt Servt
C. G. Babcock
Engr

Henry Mitchell Esq
No. 5 Tremont Street,
Boston, Mass.

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May 1st 7.

Hon. James Pollock
Superintendent -

Sir;

I have the honor to acknowledge the receipt of an Official copy of the letter of the Director of the Mint, of April 30th relative to the purchase of "a second adjusting machine of Messrs Seyas & Co for the use of this Mint".

I would respectfully suggest that the Director permit the instructions for the manufacture of this second machine to go from here through this office, as there are several points in regard to the machine that we think can be improved on - For instance - the new machine should be made to take the planchet before milling - the present one having been constructed to receive them after milling - (This defect in the machine here, we can rectify - and was the result of sending milled planchets as samples, instead of those not milled.)

Again the feeding tubes of the machine here are in two (2) pieces. We think it better to have them solid like those on the coining presses. All these little matters we could embody in a letter and with drafts made by Mr. Westermaier could render them clear to the manufacturers.

It would be necessary also to send an unmilled planchet of each denomination of subsidiary Silver Coin, in order to enable the manufacturers to get the proper size. It is very important to have the new machine take unmilled pieces.

I am Sir
Very respectfully
Your Obt. Servant
O. C. Bosbyshell
Coiner.

May 27th 1.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to suggest, that in the manufacture of a second Eagles Assorting Machine, the order for which I understand was sent yesterday, the following improvements may be made.

In the first place the machine should be made to weigh the planchets before milling and in order to allow of this I enclose herein three (3) unmilled planchets, one (1) Half Dollar, one (1) Quarter Dollar and one (1) Dime, as samples, to guide the manufacturer.

In the next place the feeding tubes should be made in one piece, with a slot down the front side - similar in all respects to those in use on the Coining Presses.

I enclose a draft of the tube proposed, with directions in german prepared by Mr. Westermaier.

Finally the reception boxes should be lengthened - the outside ones made say one-third (⅓d) narrower, and the middle one two-thirds (⅔d) wider. I also enclose a draft of the distributing box, made by Mr. Westermaier, with directions in german.

With these alterations the machine will answer our purposes much better.

Very Respectfully
Your Obt. Servant
O. C. Barbyshell
Engineer

May 2nd 1.

Mr. E. O. Leech
Office Director of the Mint,
Washington, D.C.

Dr. Sir;

I take great pleasure in complying with your request of 1st inst. and beg to enclose One (1) Silver Proof Trade Dollar of 1874, with five cents change, per of the 1st inst. sent.

Very truly Your Obt. Servt.
O. C. Barbyshell
Engr.

May 3rd 1.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to acknowledge the receipt of the letters of Major James M. Whittemore and Mr. J. H. Gill of March 2nd 1854, to the Director of the Mint, with accompanying draft and papers, relative to the manufacture of a Machine for weighing Coin, and also the letter of the Director desiring me to make an examination of the same, and report thereon.

In company with the foreman of the Coining Room, Mr. A. M. Downing, I went to the United States Arsenal at Frankford, and had a long interview with Major Whittemore and Mr. Gill. The latter gentleman explained and exhibited his machine for weighing Cartridges - the principle of which he proposes to apply to the weighing of Coins.

Upon explaining to Mr. Gill what our Department would require, in a

in a weighing or assorting machine, namely, the division of the planchets into at least three kinds - those above the limit for heavys, and those below for lights, with all those between these two, - he at once, without hesitation said his proposed machine would not answer - that he had never contemplated more than two divisions of the planchets - that he would not undertake to say that more than two divisions could be made with any accuracy, with scales on a revolving base. and that he would abandon all attempts to construct a machine, if three divisions were necessary.

Subsequently, however, he seems to be of the opinion, that a combination of two of his machines - the second to be automatically fed from the first - would make the divisions required - and now he is desirous of making the experiment - For the sake of the test, he thinks it only necessary to construct a single machine, making but two divisions.

Mr. Gill's associate, Lieut. Henry Metcalfe, submits a statement and proposition of April 25th - which I have the honor

to enclose - going over pretty much the ground already covered in the preceding communications, but proposing in order to make the three divisions, the combining of two machines into one. I might add, that the space occupied by the combined machines, (two single ones,) would not be more than two feet wide by four feet long.

An Automatic Weighing or assorting machine, to be of practical use, should combine rapidity with accuracy. It should be arranged to weigh the blanks before they are milled. For our purposes the assorting of the blanks into three kinds of parcels, as stated, would suffice, although if the machine could be made rapid enough, five (5) assortments would suit us best.

The machine should be able to assort the planchets as rapidly, at least, as the presses can use them. Our Coining Presses can each turn out, coin as follows:-

Half Dollars	80	pieces per minute.
Quarter do	80	" " "
Dimes	100	" " "

In the proposed weighing machine of Mr. Gill, the utmost claimed for it is Fifty (50) pieces per minute. and this is only granted Mr. Gill preferring to say from thirty-five (35) to forty (40). As to the accuracy of its assortment, the projector only claims to be able to detect differences of a quarter of a grain in the planchets.

The Keyes machine gives us Eighty (80) pieces a minute, in three divisions, and can be made to give us Forty (40) pieces a minute in five divisions. It can be adjusted to assort blanks down to the sixty-fourth ($\frac{1}{64}$) of a grain.

Whilst desiring at all times to encourage American inventions, where they meet the requirements of our work as well as those of foreign manufacture, I am not convinced that the proposed machine of Mr. Gill, will do the work of the Keyes Assorting Machine at present in use, although I am not prepared to say, but that the development of his plan might result in a successful and satisfactory machine.

an issue I should be most happy to see take place.

I return herewith the letters of Major Whittemore and Mr. Gill of March 2nd. - and statement of Lieut. Metcalfe of April 25th, with draft of the proposed machine.

I have the honor to remain
Your Obt. Servant
D. C. Babybell
Colonel.

May 11th 7.

Hon Jas Pollock

Superintendent

Sir:

I have the honor to present the following report of the Condition of the machinery in this Department, with some suggestions & recommendations in regard to the proposed General repairs to be made during the month of June. Taking up the Coining Room first, we find that

No 1 Press requires some of the Joint pins to be renewed, and a pair of Steel dollar feeders made for it.

No 2 requires about the same repairs as No 1. and in addition thereto a pair of Quarter Eagle feeders.

Nos 3 & 4 are much worn, and should be thoroughly repaired by renewing, all the fin

joints and refitting the working parts of the Presses.

No 5 the Steel plate under the Stake is broken, this should be replaced with a new one, The bridles need some repairs, A new Stake and a pair of feeders, would add much to the efficiency of this Press.

No 6. The Steel plate under the Stake should be taken out and hardened, A new Collar ring made, Collars put on the Crank Shaft, to take up the lateral motion, Two new Stakes and two pairs of feeders are required for this press.

No 7 Has been put in complete order by the machinists of the Mint, One new Stake should be made for it.

No 8 Should have a new set of bridles. Those now in use have no hooks on them by which to hold the beam, and consequently are unsafe. One Stake and one pair of feeders should be made for this press

No 9 Press is in the Machine Shop undergoing repairs. One new Stake and one pair of feeders are required for this press.

No 10 Should have one new Stake, and a

Collaring made for it. Four of the milling machines require new steel bands.

A great many of the minor repairs to these Trucks can be made by our own machinists.

On the Cleaning Room, a duplicate riddle is essentially necessary. The present riddle is nearly worn out, ~~it is thoroughly repaired with the exception of two tires~~. The annealing Furnace should be torn down, and an entirely new one built in its place. The door of the heater might be repaired but it would be more economical to have a new door made. A better heating span for the Saw Mill than the one now in use is needed.

Some means of Ventilating this Room should be devised. The atmosphere in it is exceedingly oppressive at all times & especially so this the case during the Summer.

An opening could be made in the Ceiling over a flue Carried up through an iron Column in the room of the Engineer directly out of the roof of the building. It is believed this would give the [illegible]

Ventilation and would not inconvenience the Engraver or destroy the appearance of his office. A better, and more economical, plan might be the use of a fan to draw the heated air out through the present flue.

Rolling Room.

Four (4) Sets of Rolls are at present in use. The following table shows their character, with the size, Where made & When placed in the housings.

Sets of Rolls	Character	Size		Where made	Put in housings after regrinding
		Face	Journals		
No 1	Cast Steel	8 in	5½ in	Krupp. Germany	Jany 6th 1877.
" 2	do	"	"	" "	March 20th "
" 3	Chilled cast Iron	10 in	7½ "	A Garrison Phila	" 5th "
" 4	Cast Steel	8 "	5½ "	Krupp Germany	Nov 23 1876.

With the exception of the chilled cast Iron Rolls in No 3 the present condition of the above rolls is not very good. The brass boxes in No 3 housings are not in as good condition as could be desired & it is therefore recommended that new ones be made. The brasses in the housings of Nos 1. 2. & 4 are in good condition. they are all of the same size. It would be well

Rollers to have some extra sets of the Rings on hand to guard against delay in case of accident.

The large Counter Shaft in the Cellar ought to be examined — the Clutches want repairing & the Fasteners want renewing.

The Cast Steel Rolls of Knuff have been in use since the fall of 1868, and have often frequently required grinding. They are however soft and do not do their work as satisfactorily as the Chilled Rolls. For fact it is the experience of the Mill that the surface of a Cast Steel Roll is softer than that of a chilled Iron Roll and that the former will not do the same amount of work as the latter.

In support of this opinion, I have the honor to present herewith a Statement, the data for which I procured from Mr H. N. Holt, of the length of time each Roll has made from July 18th 1873, to the present time.

No 1: Steel.		No 2 Steel.		No 3 Chilled Cast Iron		No 4 Steel.	
Date when Set	Time run	Date when Set	Time run	Date when Set	Time run	Date when Set	Time run
March 10. 1873	5 mo 18 dy	Nov 15. 1873	4 mo 13 dy	Feby 18 1873	11 mo 5 dy	July 19 1873	6 mo 2 dy
Aug 28. "	5 " 8 "	Mch 28 1874	8 " 9 "	May 23 1874	14 " 20 "	May 21 1874	10 " 24 "
Feby 8. 1874	3 " 1 "	Dec 9th "	3 " 12 "	Apl 12 1875	8 " 24 "	Dec 14 "	6 " 11 "
May 6 "	5 " 14 "	Mch 19. 1875	6 " 5 "	Jany 5. 1876	14 "	May 25 1875	9 " 13 "
Jany 20 1875	5 " 16 "	Sept 24 "	5 " 24 "	Mch 5th 1877	Still in	Feby 7 1876	5 " 3 "
July 6 "	6 " 10 "	Mch 20 1876	1 " 26 "			July 10 "	4 " 13 "
Dec 16 "	2 " 1 "	May 15. "	5 " 27 "			Nov 23 "	Still in
Apl 17 1876	5 " 10 "	Nov 11 "	4 " 9 "				
Sept 27 "	3 " 10 "	Mch 20. 1877	Still in				
Jany 6 1877	Still in						

This will give an average of a little over 5 months for each Steel Roll – against an average of a trifle over 12 months for the chilled cast iron. The chilled iron rolls put in Feby 18 1873, and April 1st 1875 broke – but for this circumstance they could have been used longer As the face was still in good working Condition

Some of the Steel Rolls (of American manufacture) have broken. We should have one (1) pair of large chilled Cast Iron Rolls, and one (1) pair of small Cast Steel Rolls of the same size as we have at present, with a set of brass boxes for each. The chilled cast iron

I

Rolls at present in use are 10 inch in diameter, and have given us great satisfaction.

This brings me to consider us[illegible] our great want of a good Grinding Machine for our Rolls. The attention of the Department has been called for some months past to the Grinding machine manufactured by Messrs J. Morton Poole & Sons of Wilmington Delaware. Several of our machinists have visited their establishment, and examined this machine in operation. Some weeks ago in company with Messrs. Gantt, (General Norman) & Webb (who is in charge of the grinding of our Rolls) I went down to Wilmington, and had a long interview with the Poole, his partners & workmen.

Mr. Poole has been through this Dept & is familiar with our requirements. He is confident that with the use of his Grinding Machine on our Rolls, he can produce therefrom a strip of such equal thickness that planches cut from it will scarcely vary at all in weight.

He positively asserts that the rolls can be made to do their work so satisfactorily that the Draw Bench can be dispensed with. He

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exhibited, by way of proof, a thin sheet of tin foil rolled between rolls ground on his machine. There is not the least doubt but that the machine is in all respects far Superior to the old Grind Stone machine We have in use in the Mint, and I am well convinced that it would prove of great benefit to the Institution to have such a machine here.

The chilled cast iron rolls in No 3 house were purchased from Messrs Garrison & Co., of Pittsburg & were ground by them, on one of Messrs Pooles' grinding machines. We have had better results from these rolls than any ever in use.

On an experiment made some time since, We rolled Dime & Half Dozen Ingots down to Strips to such a uniform thickness, that the planchets cut from the former only varied between 4/10 to 6/10 Grains from the latter 0/8 Grains.

It Seems clear to me, that in the manipulation of the precious metals to produce coin, Where accuracy is so desirable, it is well to have all the best appliances that can be procured, to reach such a result. I am very

Also also that this Grinding Machine is in every Way Superior to any that has come under my notice. The practical men of the Department also strongly recommend it. Under all the Circumstances therefore, I respectfully ask the propriety of purchasing one of these machines for use in this Institution.

The chains at present in use in the Dead Benches are occasionally worn, and two (2) new ones should be provided.

As it is desired to have the Mint in good running order by the 5th of July, the time for making the repairs & improvements necessary is very short, and I respectfully recommend that arrangements be made to have a great deal of the preliminary work commenced at once. This can be done without interfering with the regular operations of the Mint, and will materially advance the Work of repairs.

In conclusion I have the honor to request permission to send during the period we close for repairs, our Steel Rolls to Messrs J. M. Poole & Sons at

Wilmington Del for the purpose of having them Ground by their machine.

I have the honor to remain
Your Obt Servt
O. C. Boerstler
Capt.

May 12th 7.

Mr Thos H. Wilson
Foreman of the Rolls.
Sir;

During the temporary absence of Mr Henry S. Garrett, you will be Acting General Foreman, and are expected to perform the duties devolving upon that position.

Very Respectfully
D.C. Broadhead

May 12th 7.

E. O. Leech Esq.
Washington D.C.
My dear Sir;

In response to your favor of 10th inst, I have the honor to enclose One (1) Trade Dollar of 1874, and to acknowledge the receipt of $1.05 Currency in payment of same.

Very truly Yours
D.C. Broadhead

May 14th 7.

Hon. Lin Bartholomew
Pottsville.

My dear Sir;

Your letter of 23rd. April, recommending the appointment of Miss Randall, daughter of Ex-Senator Randall, reached me by due course of mail. I owe you an apology for not replying earlier, but did not observe that you wished an answer, until I noticed it this morning in looking over the file of applicants. Our force of Lady Assistants is really more than the requirements of the Institution at present, and I would not be justified in making any appointments - Indeed we are under orders to reduce this force some 25 or 30, and it is the dislike of selecting those to go that has delayed the execution of the order.

If I can at any future time serve you & Senator Randall in this matter, I shall be very happy to do so - Very truly Yours
& Obt Svt -
O. B. Roberts
Chas.

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May 15th 7.

Wm. James Pollock,
Superintendent.

Sir;

I have the honor to report that the large Ajax Centennial Press, purchased by the Director for the use of this Mint, has been delivered by Messrs. Morgan & Orr, and is now being placed in working order by the Machinist of this Institution.

Very Respectfully
Your Obt. Servant
O. C. Bosbyshell
Coiner.

May 15th 1-

Hon Jas Pollock
Superintendent
Sir.

I have the honor to State, that in obedience with your verbal instructions, I have directed Mr Saml James Foreman of the Machinists, to make the repairs to the Coining Presses & machinery reported to You as necessary in my letter of the 11th inst.

Very Respectfully
Your Obt Servant
O. L. Roobyshell.
Coiner.

May 23d 7.

Hon Dav Pollock
Superintendent
Sir:

On my letter to you of the 11th inst. I had the honor to briefly suggest two (2) Methods of Ventilating the Cleaning, or Whitening Room - one, by a direct opening in the ceiling, through the Engraver room, by an Iron Column, out of the roof of the building, & the other by means of a fan, to suck the Steam & heated air out through the present flues. I desire now to urge the propriety of adopting the latter method.

A pressure blower or fan, could be very readily put up in the loft & connected with the flues of the cleaning Room, that would remove all the Steam, vapor, heated, & impure air.

During the Summer months, the temperature of this room is scarcely ever below 120 ℉, & frequently much in excess of that figure. This oppressive atmosphere filled with Steam & fumes of acid, almost suffocates

the Fresh Working in it. I would therefore respectfully Suggest that a fan, or pressure Blower, be purchased for the purpose of Ventilating this room.

One of B. F. Sturtevants No 8 Exhaustors, would remove Six Thousand one hundred & Fifteen (6115) cubic feet of air per minute, and the entire cost of the machine, & putting it into place, would not, I think, exceed Three Hundred (300) dollars.

Such a machine I am satisfied would do the work We want. We also have Considerable difficulty, at times, in keeping up a Sufficient Supply of hot Water in our Cleaning Room, to do the Work required. In order to guard against any detention in our Work from this cause, I would respectfully Suggest that an Iron tank, to hold, Say 500 gallons of water, be placed by the Side of the present Small tank, attached to the ceiling.

This will insure a positive & Sufficient Supply of Water at all times, and will not exceed One Hundred ($100) dollars, in cost.

I trust that these Suggestions may meet Your approval, & that You will direct the Speedy carrying out of the Same.

I have the Honor to remain
Your Obt Servant
O. C. Barbybell Lowell.

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May 26th 7.

Hon. James Pollock,
Superintendent.
Sir:

In answer to the inquiry of the Venezuela Government, in relation to the manufacture of Copper-Nickel Coins, which you handed me to read, I have the honor to say that I have confined my investigations to the information desired by the third question, as that seems to be the only one that relates to the operations of this Department.

I am somewhat at a loss to know whether the question means the cost of Coining planchets furnished ready for the presses, as it says "the actual coinage, irrespective of the value of the metals entering into its composition", or whether it means Ingots furnished ready for rolling, cutting &c.

However, in order to meet either view of the case, I have carefully gone over all the several operations incident to the production of coin from the Ingot.

To produce from Copper Nickel Ingots furnished, 5¢ & 3¢ planchets ready to be placed into the Coining Presses will cost One dollar ($1.00) per 1000 pieces.

To Coin 5¢ & 3¢ Copper nickel planchets furnished ready for the presses will cost twenty-five cents (.25¢) per 1000 pieces.

In other words to produce coins from the Ingots of the denomination and material named, will cost One-tenth ($\frac{1}{10}$¢) of one-and-a-quarter (.01¼) per cent of the number of pieces manufactured.

Sam

Very Respectfully
Your Obt. Servant
A. E. Roberts
Coiner.

May 28th 7.

Hon. James Pollock,
Superintendent
Sir;

I have the honor to state that the Centennial Board of Finance, through the Hon. E. R. Rollins, sent three hundred (300) Small Bronze Centennial Medals that were tarnished, to be retouched, by the workmen in the Medal room. These medals have been rebronzed, and Mr. Rollins is ready to receive, and pay for the work done to them.

I would respectfully suggest that a charge of three cent (3cts) a piece will fully compensate the Mint, for the labor and material used.

The messenger awaits the bill in order to make payment.

Very Respy Yr Obt Servant
Ob. Borbyshell
Comer.

May 28 /7.

My dear Mr. Rollins.

I send the 300 Small Bronze Centennial, retouched and made good as new.

We cannot credit the old copper.

The charge of 3cts a piece is moderate. it will however cover our expence.

Trusting this may be satisfactory I am

Very truly Yr. Obt. Servt
O.C. Barrybell
Coin

Hon. E.H. Rollins
Capitol Hall N.H.

June 6th 1.

Hon. James Pollock,
Superintendent.

Sir;

Responding to your verbal request of this morning, that I should, with the experience of the past month, report now as to the possible reduction that could be made in the force employed in this Department, I have the honor to state, that since my communication of the 26th April last, the demand for Trade Dollars seems to have so far fallen off, as not to meet the expectations then promised.

Under these circumstances the services of from ten (10) to fifteen (15) Assistants could I think, be dispensed with, without crippling our capacity to meet present demands.

I do not see how any greater reduction in the force employed in this Department could be made now.

Very Respectfully Yr. Obt Servt
O. C. Beckwith
Coiner.

June 6th 7

Messrs Morton Cole & Co
Wilmington Del

Gentlemen.

I have the honor, to acknowledge the receipt of your favor of the 5th inst., with sketch for pair Rolls enclosed.

The sketch is not quite right. We will forward you tomorrow, Rolls with gauges & proper drawing enclosed.

Very Respectfully
Your Obt Servt
O. B. Babyhill
Coiner.

Dallas 11th

Hon Wm Pollock
Superintendent
Sir;

I have the honor to make the following requisition for Stationery, for the use of this Department, for the ensuing six months.
$ 25.

- One Half (1/2) doz bottles Arnolds writing Fluid.
- One Quar (1/4) " " " Copying "
- One (1) Quart bottle Mucilage.
- One (1) Gross Faber Lead pencils #2.
- Five (5) Reams Com note paper
- One Thousand (1000) White Envelopes, to match
- Five Hundred (500) " " per Sample
- Three (3) doz Tablets, assorted Sizes
- One (1/4) Ream Blotting paper
- Two Boxes (2) Gills paper Fasteners (Round Head) #1.
- Six " (6) " " " " " #2
- Two (2) doz Pen holders, assorted Sizes

2

1/6 doz Balls Red Twine

I am Very Respectfully
Your Obt Servant
O. C. Bobyshell.
Boiler

June 12th 7.

Messrs. J. Morton Poole & Co,
Wilmington, Del.
Gentlemen.

I have the honor to state that we will ship you per freight, Phila. Wil. & Balto. R.R.Co., on Saturday next (16 inst) five (5) pairs of Steel Rolls, which be kind enough to have ground - both journals and face - Please take the Rolls having the smallest journals first. When these are finished, grind the journals of the other Rolls to the same size. It does not matter about the faces of the Rolls being the same size, so that they are ground in pairs - that is those marked as pairs, to be ground to the same diameter.

Be kind enough to push this matter as rapidly as possible.

Very Respectfully
Your Obt Servant
O. B. Bakewell
Comr.

June 12th 7.

Col. A. Loudon Snowden
Philadelphia

My dear Colonel.

We have delivered to you some 856 Award Medals that have not, as yet, been settled for. The Governor is anxious to have all indebtedness closed out before the end of the fiscal year.

We have on hand ready wrapped some 644 more - these with the above will make 1500. Had you not better take what we have and then pay for the 1500 all together?

Very truly
Your friend & Obt Servt
O. Babyshell

June 12th 7.

Special Notice.

With the exception of the men designated to assist in repairing the machinery and fixtures of the Mint, the Employees of this Department will be allowed holiday from and after the 15th inst until the 5th day of July, at which time they will be expected to report promptly for duty.

Those engaged in the work of repairs will be granted holiday for the same length of time during the months of July and August.

O. C. Boby Chief Clerk.

Approved

Superintendent.

June 14 7

Knickerbocker Ice Co.

Gentlemen.

Please leave for this Department, Eighty (80) lbs Ice daily (except Sunday) instead of 160 lbs, from & after 15th inst.

Very Respectfully,
Your Obt Servt
O. B. Borbyshell
Coiner

June 18th 7.

Hon. James Pollock
Superintendent.
Sir;

I have the honor to report the delivery of fifteen hundred (1500) Medals of Award to the United Centennial Commission on orders of A. London Hawkes Esq. of April 20th, May 18th and June 15th.

Very Respectfully
Your Ob't Servant
O. B. Bosbyshell
Courier.

June 19th 7

Knickerbocker Ice Co

Gentlemen.

Please deliver this Department, Forty pounds Ice additional daily, (Sundays excepted) making 120 pounds.

Very Respectfully
Your Obt Svt
O. B. Babybell
Coroner.

June 19th 7.

Hon. James Pollock
Superintendent.

Sir,

I have the honor to transmit herewith a statement in settlement of my account as Coiner, made on the 16th inst, which closes up the work for the fiscal year ending on the 30th inst.

In forwarding this statement I refer with I trust, pardonable pride, to the very slight loss the Government has sustained in the manipulation of the large amount of bullion in the possession of this Department for the past six months, exhibiting as it does great care on the part of the foremen and employees.

If this settlement proves satisfactory to yourself and the Director, I beg as a special favor that you will so inform me, in order that I may show

my bondsman Mr. Joseph D. Potts, (who is obliged to withdraw from my bond,) that my Accounts with the Government for the first six months that I have had the honor to be Courier, are satisfactory to the Mint Officials.

I am Sir
Very Respectfully
Your Obt. Servant
O.C. Babyshell
Courier.

June 25th 7.

To the
Superintendent
of the Mint of the United States
at Philadelphia.

Sir;

Desiring to be absent for four (4) days of the present week, I have the honor to request that you will authorize Mr. William J. Stark, Assistant to the Courier, to act as Courier during my absence.

Very Respectfully
Your Obt. Servant
O. C. Rosbyshell
Courier.

June 25th 77.

Col James Pollock
Superintendent
Sir:

I have the honor to enclose for the Quarter ending June 30th 1877, the following Reports, viz:-

Fine Stand Gold & Silver Bullion used in the manufact Medals
Fine Gold Medals of a Nat Character.
Fine Silver " " " " "
Fine Gold Proof Coin
Fine Silver " "
Copper (bronzed) Medals of a National character.
" used in the manufacture of bronzed Medals.

I am Very Respectfully
Your Obt Servt
C. E. Bosbyshell.
Coiner.

June 30th 7

Messrs J. Morton Cole & Co
Wilmington Del
Gentlemen.

I have the honor to acknowledge the receipt of your favor of the 28th inst, with Bill Lading enclosed.

Six (6) Boxes valls (Nos 4.2 & 1 were received per Packet in good order.

I am very Respectfully
Your Obt Servt
D.C. Derbyshire
Keiner.

June 30th 1

Henry Mitchell Esqr
Boston.

Dear Sir

I have the honor to acknowledge the receipt of Your favor of the 27th inst. enclosing Check for One Hundred & Sixty (160.) Dollars, Amount of the bill due the Medal Department, for Work done for You.

I enclose bill properly receipted for the same.

I am Very Respectfully
Your Obt Servt

Coinex.

P.S. I have just returned from the Grand Jubilee, at Providence, it was glorious.

June 30 7

Mess Morgan & Co
Gentlemen

You will please have the Tank, for the cleaning Room, delivered here on Tuesday morning July 3rd 1877 Without fail.

Very Respectfully
Your Obt Servt
O. C. Ashurst
Coroner.

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June 30th 7.

Hon. James Pollock,
Superintendent
Sir;

In accordance with the provisions of the "Coinage Act of 1873", I have the honor to recommend the appointment of Mrs. Blanche F. Matthews and Mrs. Mary Jane Reese as Adjusters in this Department at $1.75 per day. These appointments if confirmed to take effect on the 9th day of July next.

Very Respectfully
Your Obt. Servant
O. C. Boboyshell
Coiner

June 20th 7.

Hon. James Pollock,
Superintendent -
Sir;

I have the honor to enclose the nominations of Mrs. Blanche K. Matthews, and Mrs. Mary Jane Reese, for appointment to the position of Adjusters.

I desire to say that Mrs. Matthews' nomination is made at the request of Assistant Secretary of the Treasury McCormick, and the Hon. Stanley Matthews of Ohio, and that of Mrs Reese at the request of the Director.

Very Respectfully
Your Obt. Servant
O. C. Babyshell
Copier.

July 2nd. 7.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to enclose my Official Bond as Coroner, with Messrs. Peter Hardie and N. London Snowden as Sureties dated this day. Also my Oath of Office, Oath of Allegiance, and Affidavits of both Sureties.

Very Respectfully
Your Obt. Servant
R. C. Bakewell.
Coroner.

Coroner

July 5th 7

Hon James Pollock
Superintendent
Sir.

I have the honor to State, that Mr Stoutenburgh informs me, that Messrs Zeigler & Co have forwarded the Second Assorting Machine, ordered by the Director, for this Mint.

The Machine has not been probably on its way some two weeks, and will shortly reach New York.

In order to prevent delay in getting the machine out of the Custom House, I would respectfully suggest that the proper Officials in New York be notified of its expected arrival, so that when it does arrive, it may be immediately transmitted to Philadelphia.

Very Respectfully
Your Obt Servt
R. E. Rowbyshell
Coiner.

July 9th 7

Hon James Pollock
Superintendent
Sir:

I have the honor to enclose herewith, Report of Steel Dies and Bronze medals, manufactured during the Fiscal Year ending June 30th 1877

Very Respectfully
Your Obt Servant
W. Barbyshell
Coiner.

July 10th 7.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to state that Miss E. C. Latour, an Adjuster in this Department, made application about the middle of last December, to be absent from the Mint a month or two, without pay. This application was granted, and she has been absent from here since that time, and is still away.

Several months ago she came to me to inquire whether, in the event of her resignation being tendered, I would recommend the appointment of her sister in her stead. This I declined to promise. I feel co[illegible] that she never expects to return. She has not reported her whereabouts for months.

I have therefore the honor to request that she be discharged, and her name dropped from the rolls.

Very Respectfully
Your Obt. Servant
A. C. Babychell Coins

July 10 7.

Mr. Richd. Wilkins,
Dr Sir;

I am in receipt
of your favor of yesterday-
I see no possible
chance at present, to comply
with your request. If I can
serve you at another time I
shall be happy to do so-
Very Respectfully Yours
Ob. Boxbythell
Comr

July 11th 7.

Hon. James Pollock
Superintendent.

Sir;

I have the honor to state that I consider it necessary that Mr. Calhoun, one of the most valuable employees of this Department, should be assisted in his work more than he can be at present. This can be done by increasing the force of Counters, thus enabling him to use one of them to assist him in his very important labors. I therefore desire to transfer C. A. Barbyshell from the Rolling Room as a Cutter, to the Counting Table as a Counter at $3 per diem, to take effect on the 16th inst, and I have the honor to request that this transfer may be approved.

Very Respectfully
Your Obt. Servant
C. A. Barbyshell
Coiner.

July 12th 7

Messrs J Morton Poole & Co
Wilmington N.C.
Gentlemen

I have the honor to acknowledge the receipt of your favor of the 11th inst, enclosing Bill of Lading, and your account for the same.

Please render duplicate bills dated June 30th 877 receipted in the firms name, by a member of the firm and if collected by an agent, Authority must be endorsed, on each bill, signed by the firm for such agent to sign Warrant. Please collect & return, as your account belongs in last quarter.

Very Respectfully
Your Obt Servant
O. B. Borbyshell
Loiner

Dec, 1 1867

Messrs Oliver Heaver & Morgan

Gentlemen

The large Centennial coat Press, lately furnished the Mint by you, does not work satisfactorily - There is some difficulty about its construction. Please send some one here to note the trouble, and arrange for putting it into good order, at once

Very Respectfully
Your Obt Servt.
O. C. Berryhill
Coiner.

July 16th 7.

Hon James Pollock
Superintendent
Sir,

I have the honor to state, in reply to Acting Director Preston's letter of the 14th inst, handed me this morning, desiring explanation of terms used in telegraphing per centage of Condemned blanks, that, there was ozs 83.984.65 of Condemned Gold blanks returned to Mint & R, out of ozs 1,253,560.75 Worked.

The per centage of blanks returned, to amount worked, as I figure it, is .067 - to get which, I divide the Amount Worked, into the Amt returned.

Of Trade Dollars, ozs 89.282.50 condemned blanks were returned, out of ozs 1.940.780.40 worked, which gives a per centage of .046.

Of Subsidiary Silver ozs 187.141.00 were returned, to ozs 17.144.170.60 Worked. a per centage of .01

Your Obt Servant O.C. Boyd Asst

July 17 7–

Mr A. J. Snell

Dear Sir:

The "Stentorant Exhaust Fan" lately furnished the Mint by you, does not work as satisfactorily as we thought it would, will you please call at the mint, at your earliest convenience. I would like to consult you in regard to it.

Very Respectfully
Your Obt Servant
C. C. Boreyhell.
Coiner.

=

July 19th 7.

Hon. James Pollock,
Superintendent
Sir;

I have the honor, in accordance with the provisions of the "Cuiage Act of 1873" to recommend the appointment of George F. Forney as a Cutter in this Department, at $2.00 per diem, to take effect August 1st 1874, vice Charles A. Babyshell transferred to the Counting Table.

Very Respectfully
Your Obt. Servant
Ch. Babyshell
Collector.

July 19th 7.

Hon. James Pollock,
Superintendent.
Sir;

I have the honor to state that I expect to be absent from the City for a week or ten days, and would therefore respectfully request that my Assistant Mr William S. Steel, be made Acting Coroner during my absence.

Very Respectfully
Your Obt. Servant
O. C. Boxhall
Coroner.

July 20th 7.

Mr D. Gilbert
Dear Sir:

Will you please
call here at your earliest
convenience, & in reference
to the Peabody Acc.
Very Respectfully
Your Obt Servant
C. Bosbyshell
Acct

July 28th 7

Hon James Pollock
Superintendent
Sir:

I have the honor to state for your information, that the Postmaster informs me, that he has received a letter from Messrs F. J. Lorenzo Nes Custom House Brokers of New York, stating that the additional Keyes Assorting Machine ordered for this Mint arrived in New York by Hamburg Steamer on Wednesday last, but that they could not get it out of the Custom House free of duty, without an order from the Treasury Department.

They acknowledged the receipt of Acting Superintendent Heskok's letter, directing them to write for the order desired, to the Mint Bureau at Washington and stated that they would do so.

Very Respectfully Q. C. Borbyshell
Coiner.

August 1st 7-

Col. James Pollock
Superintendent
Sir:

In accordance with the provisions of the Coinage Act of 1873. I have the honor to recommend the appointment of M. M. Allison, as a Cleaner, at $3. per diem, to take effect upon confirmation.

Very Respectfully
Your Ob't Servant
O. C. Boerstler
Coiner.

=

August 1st 7.

Hon. James Pollock,
Superintendent.

Sir;

In regard to the accompanying recommendation for the appointment of an additional man in the Cleaning Room, I have the honor to state, that the nature of the work in that room is of so trying a character, that the men employed there are breaking down under it

The health of John Hayter, a very valuable employee, is very seriously affected, and unless some relief can be afforded him, he will soon be utterly unfit for duty. The same can be said of Messrs Scheetz, Stone and the foreman, John Reed.

The presence of another man will enable such a systematic arrangement of the work as to afford the relief desired, and thus prevent the threatened loss of the services of valuable men.

Mr. M. H. Allison comes to me

strongly recommended by the Hon. Judge Allison (to whom he is in no wise related,) B.B. Comegys Esq - Hon. D.P. Southworth, Col. Jo. D. Potts and others. I have known him personally for many years, as a young man of good moral character, strict sobriety, and entire trustworthyness. He was a gallant soldier during the war, and served with distinction in the Union Army.

Trusting that you will approve the recommendation, and enable me to afford the relief desired, at as early a day as possible I am

Very Respectfully
Your Obt. Servant
O.C. Barbyshell
Comrs.

August 1st 7-

Wm James Pollock
Superintendent
Sir:

I have the honor to call your attention to the rate of Wages allowed N.E. Nelson Cleaner, and W.H. Evans Annealer. These men are both excellent Workers equally as good as any of those with whom they are classed, and they receive but $2.00 per diem, whilst the rest of their grade, are receiving $3.00. I would respectfully request that the additional 10% per diem, be added to their Wages from and after this date.

Pardon me for refering to another case not strictly in my department, It is that of Saml H. Hunter, classed as a Laborer, at $2.75 per diem, but doing the Work of a Carpenter, and doing it well. I am personally aware of his skill as a Carpenter, he furnishes his own tools for the Work

And is in all respects equal to any of the Carpenters whose per diem pay is 3.
It would be an act of justice to rate him, as a Carpenter, at 3. per diem.

Dear Sir
Very Respectfully
Your Obt. Servant
O.C. Borbyshell
Comm

Comm

August 2nd 7

Hon James Pollock
Superintendent
Sir

I have the honor to report the delivery of Five hundred (500) Medals of Award, to the United States Centennial Commission, per order of Myer Asch Esq. asst Secy. of this date.

Very Respectfully
Your Obt Servant
O. C. Boutwell
Coin

Aug. 7th 1.

Mr. M. H. Allison
West Philadelphia.

Sir;

You have been appointed a Cleaner in this Department, at a compensation of $3.00 per diem.

Enclosed please find the Oath of Allegiance, which you will execute before an Alderman. Your duties here will commence as soon as you file this Oath.

Very Respectfully Yours
Ch. Babycheel Chief

August 9th 77

Mess J. Morton Poole & Co
Wilmington Del
Gentlemen

I have the honor to inform you, that all orders for Supplies contracted by the Mint previous to June 30th 1877. are required to be paid for, from monies appropriated for the expenses of that fiscal year, I would therefore respectfully request information as to about what time the Rolls ordered June 4. 1877. by this Department will be delivered at the Mint. as it is desirable to close our accounts for the year ended June 30th 1877. at the earliest day possible.

Very Respectfully
your Obedient Servant
A. loBosbyshell
Coiner

August 10th 6

Messrs Cruchers & Morgan
Gentlemen

I would respectfully request, that you will deliver the Centre piece for the new Press, at your earliest convenience

Very Respectfully
Your Obt Servant
C. C. Bosbyshell
Coiner
&c

August 13 7

Mr H. H Pennell
Dear Sir

I have the honor to inform You, that the last lot of Thread received from You (purporting to be, Best Raleigh White #40) is very inferior in quality, and not at all up to the usual standard.

Very Respectfully
Your Obt Servant
C. C. Bosbyshell
Coiner

Aug. 16th 7.

A. Lanan Crawden Esq
Post master. Philada.

My dear Colonel.

Replying to your letter of yesterday, I have the honor to state that Five hundred (500) Bronze Medals of Award were delivered to the U.S. Centl. Com., on the 2nd inst, per order of Mr. Myer Asst. Secty, of the same date.

Very truly Your friend
& Obt Servt
O.C. Babyshell
Com

—

Aug. 16th 7.

Mr. William Herbert
Locust Dale, Ashland P.O.,
Schuylkill County, Penna

Dear Sir;

I have the honor to acknowledge the receipt of your favor of 15th inst with defective Fifty Cents piece enclosed. This piece was coined from a split planchet. We cannot always detect them before coining, but they very seldom get past our Counters after they are coined.

I am glad to return you herewith a perfect piece. It is not creditable to the Institution to have defective pieces in circulation.

Very Respectfully
Your Obt. Servant
Ob. Boschell
Coiner.

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August 1st 7.

Hon. Robert A. Hill
Superintendent Operative Department,
Royal Mint, London.

My dear Sir:

I have the honor to state that your very polite and extremely interesting letter of June 1st reached me by due course of mail. The settlement of the accounts for the fiscal year ending June 30th, and necessary repairs made in this Department has prevented me from acknowledging the receipt of your letter earlier.

I am exceedingly obliged to you for your very clear explanation of your mode of treating dyes and preparing blanks for coinage, without the use of Draw Bench or the annealing of the strips. It will prove of great advantage to us. In conjunction with some new ideas of our own, we hope before long to be able to produce good coin, in increased quantities, without using

many operations that are now found necessary.
As soon as our experiments are completed I shall take great pleasure in communicating the result to you.

Again thanking you for your attention to my request I remain, with great respect

Very Truly
Jno G. Servant
C. C. Boobyshell
Courier.

—

May. 18- 7.

Messrs. William Sellers & Co.,
Philadelphia.

Gentlemen.

I have the honor to state that the settlement of our accounts for the Fiscal Year ending June 30th. the making of many necessary repairs to this Department, and absence from the city, has prevented an earlier acknowledgement of your letter of June 15th relative to the erection of an adjustable accumulator, a pumping machine and coining press, in this Mint, to take the place of our present Screw Press, in the manufacture of medals.

My desire for your views in this matter, as stated in conversation with you, is that I may have the best data on the subject, in order to present it intelligently to the Director of the Mint, through the Superintendent.

I am very favorably impressed with the practicability of the use of such a press in our Medal work, and believe we shall be

able to produce, with it, very satisfactory results. My wish now, is to convince the Superintendent and Director that in this view I am correct - so that Congress may be induced to grant an appropriation sufficient to enable the improvement to be made. In my correspondence on the subject, I may find it necessary to call upon you for information, on points that may arise, with which I may not be familiar -

Sam Very Respectfully
Your Ob. Servant
O. C. Berryhill
Engr.

August 29th 7.

Col A. Loudon Snowden
Post Master
Philadelphia Pa
My Dear Colonel

I have the honor to report ready for delivery, Five Hundred (500) Centennial Medals of Awards, You will be kind enough to direct the Commission to send for them as soon as possible.

Very Respectfully
Your Obedient Servant
O. C. Barbydell
Chief

=

Aug. 29th 7.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of the Coinage Act of 1873, I have the honor to recommend the appointment of Mrs Ray Huntley as an Assistes, at $1.75 per diem, to take effect on the 2nd proximo.

Very Respectfully
Your Ob. Servant
O. C. Barbyshell
Assist.

—

Aug. 29th 7.

Hon James Pollock
Superintendent
Sir:

I have the honor to transmit herewith the nomination of Miss Ray Huntley to be an Adjuster, and desire to state that her appointment is requested by the Hon. R. C. McCormick, Actg Secy of the Treasury—

Very Respectfully
Your Obt Svt.
O. C. Barbydell
Comrs.

=

Aug. 30th 7.

Hon. James Pollock,
Superintendent.

Sir:

I have the honor to transmit herewith, a Requisition to authorize the introduction into this Department of a series of Electric Bells, connecting this Office with the several rooms over which I have charge, to wit:- the Coining Room, Cleaning Room, Rolling Room, Adjusting Room and Medal Room.

I feel that it is unnecessary for me to point out to you the great convenience an arrangement of the kind indicated would be, and as the cost has been estimated at only eighty dollars ($80), I trust you will approve the Requisition.

Very Respectfully,
Your Obt. Servant
O. C. Barbybell
Coiner.

September 1st 7.

Notice.

Formal complaint having been made by several of the Foremen in this Department, of an apparent disposition on the part of some of the Employes, to ask leave of absence just when an special press of work is pending: also of a desire to be absent upon the most frivolous excuse, and of absenting themselves without leave, failing to report to the foremen the cause of absence upon their return, attention is hereby called to the requirements of Rule Third of the General Regulations.

All these cases must expect a strict rendering of this Rule.

Pay for the time thus lost will be deducted.

O. C. Boxbyehell
Coroner.

Approved:

Superintendent.

Sept. 1st 1.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of the "Coinage Act of 1873", I have the honor to recommend the appointment, as Adjuster, for duty in the Coining Room, of Miss Annie McClelland and Miss Christina Schmitz, at $1 75 per diem, to take effect upon confirmation.

Very Respectfully
Your Obt. Servant
O. C. Babyshell
Cashier

Sept. 1st 7.

Hon. James Pollock
Superintendent.

Sir,

In transmitting herewith the recommendation for the appointment of Misses Annie McClelland and Christina Schmitz, I have the honor to state that Miss McClelland is the daughter of the late Dr. James McClelland, Medical Director General of the United States Navy, and is the only support of a smaller sister and brother. She comes strongly recommended by P. B. Kingston Esq. Genl. Freight Agent of the Pennsylvania Rail Road Company, and as strongly endorsed by Messrs John Welsh, Edmund Smith, Jos. D. Potts, A. J. Cassatt, N. Parker Shortridge, Chas. Wister, A. C. Harmer, Charles O'Neill and others.

Miss Schmitz resides in West Philadelphia - comes of a very respectable family - has an old and feeble father, to whose support she must aid, and comes strongly recommended

by some of our best citizens, amongst whom are Rev. Dr. J. H. Eccleston, A. Landon Snowden Esq re.

I am very well acquainted with her myself, and warmly commend her for appointment, personally.

The successful trial of the Seyes Assorting Machines, bring them now very importantly into our regular work, and I propose employing the ladies whose appointment I recommend, as leaders for these Machines.

Trusting that you will favorably consider the recommendation, made, I am

Very Respectfully
Your Obt. Servant
O. L. Bosbyshell
Comr.

Sept. 1st 7.

Hon. James Pollock
Superintendent
Sir,

I have the honor to state in accordance with your desire that Mr. Calhoun reports to me that Charles A Babyshell performs the duties of a Coroner equally well as any of those employed in that capacity, and I would therefore respectfully recommend that his per diem pay be fixed at $3.75 from this date.

Very Respectfully
Your Obt. Servant
C. C. Babyshell
Coroner.

Sept. 5th 7.

My dear Mr. Leach.

Your favor of 4th inst with One 5/100 Dollar enclosed to be exchanged for Trade Dollar, received.

I send per hands of Mr. F. Eckfeldt the Trade Dollar desired, and ten cents charge. We can procure Trade Dollars in the market for 97½ cts.

I also enclose you the requested receipt bill.

Truly yours

O. B. Babcock

Chief Clerk

Wm. E. O. Leach Esq.
Mint of the United States.

Sept. 7th 7.

Hon. Robert A. Hill
Supt. Operative Department
Royal Mint, London, England.

My dear Sir;

I shall deem it an especial favor, if you can furnish me with a copy of the Annual Reports of the Deputy Master of your Mint for the years 1870 to 1875 inclusive, together with a copy of the Report of a visit to the different European Mints, made by, I think, the Honorable Mr. Napier.

If I can in any way serve you, by furnishing any reports, or information you may seek, it will afford me much pleasure to do so.

I have been trying your method of treating silver ingots, by rolling them down to the required thickness without annealing, and annealing the blanks, or planchets, in a hermetrically closed copper tube. So far the experiments have proved very satisfactory. To be perfectly successful with us, requires a rearrangement of our machinery and annealing facilities. I intend going

ahead; and shall be most happy to inform you of the result.

I am, Sir
Very Respectfully
Your Obt. Servant
O. C. Boxbyshell
Coiner.

I have the honor to send you by the same mail conveying this letter, some views, showing the several working rooms of this Mint, and beg your acceptance of the same;

Sept. 11th 7.

To the
Superintendent of the Mint.
Sir;

I have the honor to report the following Stores on hand, at the close of the Fiscal Year ending June 30 1877, to wit:-

Drilling & Ticking	50.
Soap	20.
Leather Belting	150.
Alcohol	15.
Borax	12.
Tin cups & Oil cans	5.
Wood	20.
Coal	25.
Brooms & brushes	30.
Copper Lanterns	25.
Stoves	3.

I am Very Respectfully
Your Obt. Servant
O. C. Barbyhill
Coiner.

=

Sept. 13th 7.

Hon. James Pollock,
Superintendent.

Sir;

Upon the 1st inst I had the honor to forward a recommendation for the appointment of Miss Annie McClelland, and Miss Christiana Schmitz, as Adjusters, to be employed in the Coining Room.

In response you verbally informed me that you had received orders from the Mint Bureau, to reduce the force employed here.

I desire now to respectfully state that in my opinion a reduction in the force of lady employees, at this time, would be inadvisable.

The Adjusters have had constant work since the commencement of the present fiscal year, and are now pushed to get out the coinage desired.

As stated in my letter of transmittal of the recommendations named, I desire to use regularly in the work of the Department, the Seyes Assorting Machines, and I want to employ the ladies named as feeders of these Machines.

I am firm in my belief that the work of the department will be facilitated by this additional increase in the force, being well satisfied that any reduction at present would be a positive injury.

I am Sir
Very Respectfully
Your Obedient Servant
C. C. Babyshell
Carrier.

Sept. 14th 7.

Hon. James Pollock,
Superintendent.

Sir;

In compliance with the "Indian act of 1873", I have the honor to recommend the appointment of Mrs. Irene Barwait as an Interpreter, at $1.75 per diem, to take effect upon confirmation.

Very Respectfully
Your Obt. Servant
O. C. Pinkstell.
Guide.

Sept. 14th 7.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to transmit herewith a recommendation for the appointment of Mrs. Irene Bauvait as an Adjuster, and desire to state that I deem it necessary, to push forward the work of the Department, that this recommendation with those of Miss Annie McClelland and Miss Christiana Schmitz made on the 12th inst, should be confirmed - We need the services of three additional ladies. The use of the Sayes Securing Machine, in our regular work, will require four (4) ladies to feed them, and I propose using the three named with one of the present lady employees, at this work.

Our force of lady employees has been constantly employed since the 5th July, and we are yet behind in the work, upon the orders for the coin upon which the ladies are juicie-

fully engaged.
Trusting that the nomination
made may be speedily confirmed
I am
Very Respectfully
Your Ob't. Servant
O. C. Pitchlynn
Chief.

Sept. 15th 7.

Wheeling Steel Company.

Gentlemen -

Please deliver to bearer, Mr. A. B. Coven, one (1) of the blocks of Stock ordered by Order No. 301 Sept. 12th, and much oblige

Yours Respectfully

O. B. Barbybell

Comm.

I cannot write Shorthand, Sir

Very respectfully
Yr Ob. Ser.
Q. C. Babyshell
Comr.

Sept. 17. 7.

Mr. W. W. Thomas,
3827 Valentine Avenue.
Philadelphia.
Pa.

Sir;

I have the honor to acknowledge the receipt of your letter of this date, applying for a situation. I am sorry to say that at present it is not of my power to assist you in the matter. There are no vacancies here, and the number of applicants for place, is simply enormous. Regretting that

Sept. 11th 7.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to call your attention to the brittle character of the gold in the delivery of ozs 45.178 cts of Double Eagle Ingots, made to this Department on the 13th inst.

This delivery was made up of ten (10) melts, numbered from 153 to 162, inclusive. Four (4) of these melts, - to wit:- Nos 155-157- 159 and 161 passed through the Rolls but once - they were so brittle that any further manipulation would have resulted in great loss. Striking one of these ingots against a solid substance, broke it off without difficulty. The "Chips" made in working the delivery named weighed ozs 19.101.85 - over forty (40) per cent, and instead of realizing $400.000 in Coin, as we should, but $208.000 was secured. The entire delivery worked very unsatisfactorily. I am not

prepared to assign any cause for the brittle character of the gold, but would respectfully suggest that the Assayer be empowered to condemn melts that are up to the standard in fineness, when an examination of the ingots show them too brittle to be worked into coin.

Very Respectfully
Your Obt. Servant
Ole Bosbyshell
Coiner.

Sept. 20th 7.

Hon. James Pollock,
Superintendent.
Sir;

In response to the inquiry contained in the letter of Acting Director Preston, of 19th inst, in regard to the cost of striking "one cent pieces, (bronze), of a similar size and composition to the U. S. Cents, but of a different design," for the Government of Nicaragua, I have the honor to say that, the planchets being furnished ready for the Coining Press, the cost would be twenty-five Cents (25¢) per 1000 pieces.

To produce coins from dyes of the denomination and material named, will cost One-tenth ($\frac{1}{10}$th) of one-and-a-quarter (01¼) per cent of the number of pieces manufactured.

I return herewith the letter of the Acting Director referred to.

Very Respectfully
Your Ob. Servant
R. E. Rothschild
Coiner

=

Sept. 21st 7.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to report the delivery of Five hundred (500) Medals of Award, to the United States Centennial Commission, since my last report. This will make a total delivery of three thousand "Medals of Award"

Very. Respectfully
Your Obt. Servant
A. L. Boxbychell
Coiner.

September 26th 1877.

My dear Sir:

I have the honor to acknowledge the receipt of your order for 22 Silver and 77 Bronze Gun (4) inches Medals of Award with new Reverse, of 25th inst. We will have them ready for you if possible by the 20th of October - certainly by the end of that month.

I am very sorry that we cannot furnish you with a sample of each by Friday, of this week, but a large order for other Medals being under way, we cannot promise to do so before next week.

Very Truly
Your Obt Serv't
Chas. Babyshell
Engraver

Col. A. Loudon Snowden,
Postmaster,
Philada

September 29th 1.

To the Honorable Judge of the
Court of Common Pleas No. 3

Sir:

Charles Gillingham an employee of this Department, has been summoned as a juror in your Court, to appear on the 1st October. The pressure on the Mint for coin is so great that we are obliged to run our force beyond our usual hour for quitting work, and the absence of any of the men is very inconvenient.

Under these circumstances, I have the honor to ask you to please excuse Mr. Gillingham from serving as a juror.

Very Respectfully
Your Obt Servant
A. Boteyphell
Coiner.

October 2nd 7.

Hon. James Pollock,
Superintendent.

Sir;

It is with the utmost regret that I am compelled to ask for the removal of Robert N. Barber, a Cutter in this Department, for intoxication.

When sober, a better workman cured not be desired. He has however, so frequently broken his promise to do better, that the discipline of the force employed here, woned be seriously affected by any further leniency towards him.

Very Respectfully
Your Obt. Servant
Ob. Babyshell
Comm.

The United States
AT PHILADELPHIA

October 2nd. 1877.

Mr. Robert M. Parker,
Coiner, Coining Dept of the Mint.

Sir;

It becomes my duty to thus officially notify you of your removal from the Mint for repeated intoxication.

I cannot help saying that this is a very disagreeable and painful duty. You have been repeatedly warned against the fatal and ultimate result of your habits, and very kindly urged to remain sober in your habits. Your offence has not been once, or twice, but frequently. Respect for your wife and family has prevented an earlier discharge, and you would have still called for leniency, had it not been that your conduct was subversive of all discipline in this

Department, and prejudicial to the reputation and efficiency of the Mint.

I trust this severe Measure may bring you to a full realization of your misdeeds, with firm resolution to take away from your unmanning appetite.

I cheerfully add that, with the exception of the cause for your removal as named, I have no fault to find with you.

Very Respectfully

O. C. Berryhill

Cashier.

Mint of the United States
AT PHILADELPHIA

October 3rd 1847

Hon Jas Pollock
Superintendent
Sir!

I have the honor to enclose for the Quarter ending September 30th 1847. the following reports.

Fine & Stand Gold & Silver Bullion used in the manf of Nat Gold medals
" Gold medals of a National Character.
" Silver " " " "
Gold Proof Coin
Silver " "
Copper (bronzed) medals of a National Character.
Copper used in the Manufacture of bronzed medals.

I am Very Respectfully
Your Obt Servants
Chs. Bobyshell.
Coiner.

October 5th 1847.

Hon. James Pollock,
Superintendent -
Sir;

In the matter of Men's Buck Mitts, I have the honor to report, that Mess. Ziegler & Swearingen, a firm doing a large business on Fourth Street, agree to furnish them at $14 per doz. for No 1, and $12 per doz. for No 2, whilst Mr. J. R. Ashford agrees to furnish them at $14 per doz. for No 1, and $11.50 for No 2.

Very Respectfully
Your Obt. Servant
O. C. Babyschell -
Comr.

October 5th 1874.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of the "Coinage Act of 1873", I have the honor to recommend the appointment of N. S. Beckley Jr., as a Cutter in this Department, at $2.00 per diem, in place of Robt. N. Barber removed - to take effect upon confirmation.

Very Respectfully
Your Obt. Servant
O. C. Bobyshell
Coiner.

COINER'S DEPARTMENT
Mint of the United States
AT PHILADELPHIA

November

October 5th 1857.

Hon. James Pollock,
Superintendent.

Sir;

For months past Samuel Tomlinson, a Roller, and Robt. N. Barber (lately removed), a Cutter, have been working as Annealers.

I have now the honor to request that the former, and Thomas Gillespie, a Cutter, be regularly transferred to the Annealers, at $3.00 per diem.

Very Respectfully
Your Obt. Servant
Ob. Boby Shell
Coiner.

COINS DEPARTMENT

Mint of the United States
AT PHILADELPHIA

October 13th 1877.

Hon. James R. Ludlow
Judge of the Court of Q. S. for Phila Co.
Philadelphia.

Sir:

Jno. L. Graham, an employee of the Mint, is summoned as a juror in your Court for the 15 inst.

We are very busy in the Mint, and miss the absence of a single man - You will be doing us a service, if you will kindly excuse Mr. Graham from serving as a juror.

Very Respectfully
Your Obt Servt
A. Loudenslager
Coiner.

Mint of the United States
AT PHILADELPHIA

October 16th 1877.

Wm Das Pollock
Superintendent

Sir:

In response to the inquiry of the Director, in his letter of the 15th inst, desiring a report as to the result of the use of the Seyss Automatic assorting machine, I have the honor to state, that the two (2) machines are in good working order. The last one received, came arranged for the reception of the blanks before milling, as ordered, and the first one has been altered, by the machinists of this Mint, so as to do the same thing. This alteration enables us to have all the heavy pieces reduced by hand to the limit allowed by law. The machines have developed

the fact, that the Draw Benches are inaccurate in their adjustment of the Half Dollars Strips, to the amount of over Four per cent; or in other words, over Four per cent of the planchets cut from Strips treated as we usually do, are outside of the legal limit of tolerance.

The preponderance of those too heavy, over those too light, has been about as two (2) is to One (1). So that only one third (1/3) of the condemned pieces have had to be remelted.

We are only using the machine on the half Dollar coinage, as the delay in passing the other denominations through, is so great that we cannot afford to lose the time. In view of this I would most respectfully recommend the purchase of at least two (2) additional machines, in order to enable us to use them upon all the Sub-

Subsidiary Coin. I might add in conclusion, a machine adjustment, at least so far as my experience goes with the Draw Bench, is not sufficiently accurate to warrant the belief that the Subsidiary Coin is issued within the limit of tolerance.

I hope to be able to present some views, at an early date, of improvement in this direction, that if I am not too sanguine, may give us such perfect machine adjustment, with less labor, that we can safely do away with even the Seyes' machine.

Very Respectfully
Your Obedient Servant
O. C. Babysheer
Coiner.

Not Read

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA

October 16th 1871.

Hon. James Pollock
Superintendent.

Sir.

In response to the inquiry of the Director, in his letter of the 15th inst, desiring a report "as to the result of the use of the Seyes Automatic Assorting Machine", I have the honor to state, that the two (2) Machines are in good working order, and very satisfactory. The last one received, came arranged for the reception of the blanks before milling, as ordered, and the first one has been altered, by the machinist of this Mint, so as to do the same thing. This alteration enables us to have all heavy pieces that may be detected, reduced by hand to the limit allowed by law.

The machines have developed the

fact, that any failure on the part of the Draw Benches to properly adjust the strips, is quickly and positively detected.

We are only using these Machines on the half dollar Coinage, as the delay in passing the other denominations of Subsidiary Coin through, is so great, that we cannot afford to lose the time.

In view of this I would most respectfully recommend, at the proper time, the purchase of at least two (2) additional machines, in order to enable us to use them upon all the Subsidiary Coin.

I might add in conclusion, that I consider these machines essentially necessary to guard against the issue of coins outside the legal limit of tolerance. So far as my experience goes, a machine adjustment - that is the Draw Bench - is not sufficiently certain to secure a positive adherence to the requirements of the law in all cases. I hope to be

able, at an early date, to present some views, looking to an improvement in this direction, that, if I am not too sanguine, may give us such perfect machine adjustment, with less labor than now required, that we can safely do away with even the Seyes Assorting Machine.

Very Respectfully
Your Obt. Servant
O. C. Babcock
Capt. Corps.

Mint of the United States
AT PHILADELPHIA

October 19th 1877.

Mar. James Pollock,
Superintendent.,
Sir;

In accordance with the provisions of the "Coinage Act of 1873", I have the honor to recommend the appointment of Miss Emilie B. Mauch, as an Adjuster at $1.25 per diem, to take effect upon the 1st of November.

Very Respectfully,
Your Obt. Servant
Ob. Babyshell
Coiner.

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA

October 19th 1877.

Col James Pollock,
Superintendent.

Sir;

I have the honor to transmit herewith a recommendation for the appointment of Miss Emilie B. Mauch as an Adjuster, and desire to state it is made upon the request of His Excellency R. B. Hayes, President of the United States.

Very Respectfully
Your Obt. Servant
O. C. Bosbyshell
Coiner.

Mint of the United States

AT PHILADELPHIA.

October 20th. 1857.

Hon. James Pollock

Superintendent.

Sir;

In response to the request of the Director, contained in his letter of the 16th inst, in regard to the estimates of appropriations required for the support of this Mint, for the fiscal year ending June 30th 1859, I have the honor to make the following estimates for supplies required by this Department, basing my figures on the average daily and monthly consumption - to wit:-

Alcohol	$500.
Brushes & Brooms	245.
Bolts, Nuts & Washers	15.
Brick - Common	50.
Amt. forward	$840.

DEPARTMENT

Mint of the United States

AT PHILADELPHIA.

H. Ex. Doc. No. 77

1877

Amt. brot. forwd.	$ 840.
Babbit Metal	18.
Borax	160.
Belting - Leather	100.
do Rubber	20.
Brick Fire (Clay, Mortar Lbr. &c)	150.
Beeswax	75.
Cartage	100.
Chairs	50.
Copper - Utensils & Repairs to same	1500.
Copper Sheet	100.
Chemicals	50.
Candles	12.
Castings & Small Machinery	5000.
Charcoal	150.
Coal Anthracite	6000.
Amt forward	$ 14,325.

Treasury Department

Light-House Board of the United States

AT PHILADELPHIA.

J.P. Sup
10/20/77
No. 3.

1857

Amt. brot. forw'd $14,325.

Coal Bituminous	100.
Dry Goods & Notions	2200.
Gloves Buck	950.
Hardware & Small tools	1000.
Iron bar, sheet, cast & wrought	300.
Iron Pipe Steam fitting, & Plumbers Materials	350.
Ice	300.
Lead Sheet	300.
do Pipe	70.
Line	25.
Leather	20.
Lumber	500.
Oil Lard	125.
do Lubricating	225.
do Tanners	9.
Amt. forw'd	$20,799.

COINER'S DEPARTMENT.

Mint of the United States

AT PHILADELPHIA.

J. P. Supt report 1877 W. St.

Amt. brot. forw'd.	$20.799.
Manuf. of Bags	350.
Machinery	300.
Mitts Buck	1.800.
do. Fire	900.
Rags	700.
Rubber Goods	30.
Repairs to Machinery	300.
Steel wrought Cast & Scrap	400.
Stone - flagging &c	300.
Stationery & Printing	350.
Supplies - Painter	200.
Street Car Tickets	25.
Tallow	500.
Twine & Rope	40.
Tin Ware	100.
Amt. forward	$27.094.

COINS DEPARTMENT.

Mint of the United States

AT PHILADELPHIA.

J. P. Sutphen 10/20/77

187

Annl. book Amts. $ 24.094.

Wood - Bass 1110.

do Oak & Pine 6.800.

Vinegar 6.

Gas - for water building. 3.000.

Sundries 2000.

Total $ 39.040.

Very Respectfully

Your Obt Servant

O. C. Boileau

Cashier.

October 20th 1917.

To the Honorable Judge of the
Court of Common Pleas No 3.
Philadelphia.

Sir;

Wm. H. Hartz a valued employee in this Dept. of the Mint, is summoned as a juryman in your Court.

The demand for silver is so great that we are forced to the utmost to meet it, and Hartz is very expert in his line of work & we feared he inconvenienced by his absence.

I trust you will excuse him from serving as a juror.

Very Respectfully
Your Ob't Servant
Ob. Bosbyshell

ER'S DEPARTMENT.

Mint of the United States

AT PHILADELPHIA

October 22d. 1877.

Wm. James Pollock,
Superintendent.

Sir:

I have the honor to acknowledge the receipt of the Director's letter of the 15th inst, relative to the "capacity of the Philadelphia Mint to coin Silver Dollars", and inquiring what coinage of Silver dollars per month could be expected under four conditions named. I will reply to each condition in the order given.

"1st. With the present working force of the Mint, working regular hours."

Understanding "regular hours" to mean eight (8) hours as a days' labor, I believe we can produce One million dollars ($1.000.000) per month.

"2d With the present working force, working two to four hours extra time."

In the same proportion as working Eight (8) hours - that is from $250.000 to $500.000 additional.

"3d. With the Mint placed in condition to run to its maximum capacity."

In reply to this query, I have the honor to state that I believe the figures given above, to be the maximum capacity of the Institution, as it is now arranged.

"4th What coinage of Half and Quarter Dollars, and Double Eagles, could be made at the same time?"

This question can only be answered approximately - much depending on the circumstances of each working, as care would have to be taken to secure advantage of spare moments, in the manipulation of the one great coin desired, viz: dollars - to get

out halves and quarters. I think however we can promice a coniage of five hundred thousand dollars ($500.000), in halves or quarters, in addition to the amount of dollar coniage heretofore stated - working eight (8) hours a day. This however, would require the operatives of the Cleaning Room to work twelve (12) hours per day - the capacity of that room being inferior to the other rooms of the Department. It must be remembered that included in the twelve (12) hours work of the Cleaning Room, are two (2) hours devoted to cleansing a lot of base coin, preparatory to its reissue, and if this room can be relieved of this work, and the coin reissued without cleaning, then ten (10) hours labor would be sufficient to do what the other rooms can do in eight. (8).

As to Double Eagles, I believe we can produce three hundred thousand dollars ($300.000) daily - but every day's work on this coin, will be one day's work off of Dollars. We cannot run dollars and double eagles together. A monthly coinage of one million dollars ($1000.000) of Double Eagles, would reduce the dollar coinage to, say, eight hundred and seventy-five thousand dollars ($875.000)

In this connection I desire to state that for several months past, I have been instituting a number of experiments, with a view of increasing the productive capacity of the Coining Department. These experiments relate to that part of the work included in the Rolling, Annealing and Cleaning operations.

I am satisfied that a great deal of improvement can be made in our manner

of rolling. but it would necessitate a complete reconstruction of the rolls, both as regards their arrangement, and the method of running them. The full development of the experiments in this direction, will I feel sure, do away with the draw benches, pointing rolls and wax box. These matters can only be determined by practical tests, and would require the manufacture of new machines. For this purpose I would respectfully recommend that Congress be requested to appropriate a sufficient sum of money, to enable the Officers of the Institution to carry into effect, the ideas believed to be practical and beneficial.

These improvements will enable us to reduce an ingot of silver to the proper grade, without annealing. I have now

in my possession, a lot of coin cut from strips that were never annealed.

Experiments are now under way to determine whether it is possible to mill an annealed planchet - which if successful, will enable us to produce coin from strips annealed but once and run in canisters. This will do away with the process of whitening, provided the Mint authorities are prepared to issue a coin without so bright a fine Silver surface as those at present.

With these contemplated improvements the productive capacity of the Coining Department, will be vastly increased, and the loss of material a great deal lessened.

Very Respectfully
Your Obt. Servant
O. C. Boreyshell
Coiner.

October 26th 04

My dear Colonel:-

The 22 Large Lion Medals have been completed for some time. The cost will be $25 per medal or $550 for the lot. This figure is the actual cost - there being no desire to make a profit.

In regard to the Large Bronze - 11 are completed. 22 more under way, some of which will be finished today - We will push through the balance as rapidly as possible -

Very Truly

O.C. Babcock

Col. A. Loudon Snowden
Postmaster

Chief

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Mint of the United States
AT PHILADELPHIA

October 29th 1874.

Hon. James Pollock,
Superintendent -

Sir;

I have the honor to transmit herewith the resignation of Miss Emma Wagner, as an Adjuster, and also a recommendation for the appointment of Miss Sara Jackson in her place.

Miss Jackson comes strongly endorsed by the Hons. A.G. Harmer, Wm. Ward, and Chas. O'Neill. Gen. Louis Wagner, Jas. L. Shoemaker Esq, and Messrs. Franklin Taylor, W. J. Lewis, R. T. Cornwall and other eminent citizens of Chester County.

Very Respectfully
Your Obt Servant
A.B. Boteyshell
Coiner

CONTENTS DISCLAIMER

Mint of the United States

AT PHILADELPHIA.

October 29th 1877.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of the "Coinage Act of 1873", I have the honor to recommend the appointment of Miss Daria Jackson as an Adjuster at $1 2/5 per diem, vice Miss Emma Wagner, resigned, to take effect November 1st 1877.

Very Respectfully
Your Obt. Servant
O. C. Bosbyshell
Coiner.

MINT DEPARTMENT

Mint of the United States
AT PHILADELPHIA

November 1st 1867.

Hon. James Pollock,
Superintendent -

Sir;

In accordance with the provisions of the "Coinage Act of 1853", I have the honor to recommend the appointment of Miss Lizzie C. Milhouse as an Adjuster, at $1.25 per diem, to take effect upon confirmation -

Very Respectfully
Your Obt. Servant
O. C. Boyd Neill
Cashier.

Mint of the United States
AT PHILADELPHIA

November 16th 1857.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to transmit herewith a recommendation for the appointment of Miss Lizzie Milhouse as an Adjuster, and beg leave to state that this recommendation is made at the request of the Director.

Very Respectfully,
Your Obt. Servant
Geo. Berkstresser.
Asst.

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA.

November 1st 1877.

Hon. James Pollock,
Superintendent.

Sir;

In response to the inquiry of the Director contained in his letter to me of 24th October as to the number of pieces per minute that can be executed by the two Seyes Machines now in use here, I have the honor to report the number as One hundred and sixty (160) pieces - eighty (80) pieces by each Machine -

Very Respectfully
Your Ob't Servant
A. C. Barkhalter
Coiner.

COINER'S DEPARTMENT

Mint of the United States

AT PHILADELPHIA.

Nov. 6th 1877.

My dear Colonel.

I have the honor to acknowledge your favor of 2nd inst. relative to defective large Silver Award Medals. Mr. Steel, during my absence from this City, had your wishes carried out, and please find accompanying this the medals restruck.

I recognize the importance of having these Medals as nearly perfect as possible, and I think you will find them now very well finished. If there are any defects in them, that you can notice, of such a nature that can be remedied, I shall be very glad to get at them again.

Very Truly Your Friend
& Obt Servant
A. Loudon Snowden
Coiner

Col. A. Loudon Snowden -
Post Master -

Mint of the United States
AT PHILADELPHIA

Nov. 6th 1877.

My dear Mr. McKean.

Mr. Preston was much occupied when I questioned him this morning, and inadvertently led me into an error, which I hasten to correct.

Silver is purchased at the London quotation, at so much in gold per ounce fine, or pure. I told you this morning 9/10ths fine. For instance, if the quotation is $1.20 it means $1.20 in gold per ounce of fine silver. This would be equal to 1/10th less, if standard ounces, or $1.08 in gold for one ounce of standard (9/10ths fine) silver. There are 480 grains in an ounce troy. The formula then, to ascertain the value of a 412½ grains Silver Dollar, in gold, will be as 480 grains (one ounce), is to 412½ grains, so is $1.08 to the value of a 412½ grs dollar in gold, or 92 9/10 cts.

Very truly Yours
O. G. Borbyshell Cashier

Wm. McKean Esq
Public Ledger

COINAGE DEPARTMENT

Mint of the United States

AT PHILADELPHIA

November 7th 1

My dear Colonel -

I have the honor to acknowledge the receipt of your favor of yesterday, relative to the possibility of obtaining an appointment here for Mrs. A. Butler - I fear that our force of lady employees is sufficiently large to do all the work likely to be required of us, and I very much fear that our appropriations for wages will not justify the appointment of any additional hands.

I should be pleased to do what I can for any friend you may urge - whenever it is in my power - at present however I do not see my way clear to making any recommendation for appointment -

Regretting my inability to immediately oblige you, I am

Very truly

Your friend & Obt Servant

O. C. Boileau

Coiner

Col. A. Loudon Snowden,

Postmaster -

Philadelphia.

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TREASURY DEPARTMENT
Mint of the United States
AT PHILADELPHIA

Nov. 9th 7.

My dear Mr. Taylor.

I have the honor to acknowledge the receipt of your favor of 8th inst., requesting information as to the practicability of obtaining a situation here for a lady friend.

At present, I am sorry to say, there is no chance for an appointment. We have as large a force of lady employees as we can use, and the policy of the "powers that be," is to reduce the force rather than increase it.

I should be most happy to oblige you in any manner, if I had the power. Should an opportunity occur by which I can be of service to you I shall be glad to avail myself of it.

Very truly
Yr friend & Obt Servt
O. C. Bakewell
Coiner.

H. E. Taylor Esq
Williamsport, Pa.

Mint of the United States
AT PHILADELPHIA.

November 15th 1876

Col A. L. Snowden
Post Master
My Dear Sir.

I have the honor to inform You, that the Seventy Seven (77) bronze Centennial medals of Grant have been completed and now ready for delivery.

Very Respectfully
Your Obedient Servant
O. B. Boskyhell.
Coiner.
pro.

Mint of the United States
AT PHILADELPHIA

November 17th 7.

Hon. James Pollock,
Superintendent.

Sir;

In reply to so much of the Director's letter calling attention to the bill of E. Dunkelberger for Circular Letter and Note Paper, and bill heads furnished this Department, I have the honor to say that I certainly understood that such stationery as the Department desired that required to be printed, could be purchased here. The exception made so far as forms were concerned, may have misled me.

I desired also, to have my letter and note paper printed in Copying Ink, in order to leave an impression in my Copying book, of everything sent from this office.

So far as I have been able to learn, the Government has not adopted this, so much needed improvement, in its Public Printing Office.

As to the quality of the paper, it is of the very best, as I believe there is no desire on the part of those entrusted with the administration of affairs, to have the representatives of the Government use paper of an inferior quality. The price paid for the work and material is, I feel satisfied, less than it could have been done elsewhere.

As to the bill heads I presume they will be ranked under the head of printed forms.

I have the honor to enclose a sample of the Letter and Note Paper, and bill heads.

Very Respectfully
Your Obt Servt
O. C. Bosbyshell
Comm

CONGRESS DEPARTMENT

November 22nd 187

Hon. James Pollock,
Superintendent.

Sir,

I am directed by Col. A. Loudon Snowden acting for the United States Centennial Commission, to order twenty-three (23) more 4 in. Bronze Medals, similar to those recently delivered.

Very Respectfully
Jno. Ob. Evans
Chief Clerk

Mint of the United States
AT PHILADELPHIA.

November 23rd 1877.

My dear Sir;

I have the honor to acknowledge the receipt of your polite letter of 1st inst, as well as the Reports of the Deputy Master of the Royal Mint for the years 1870 to 1875 inclusive. I am exceedingly indebted to you for your kind attention to my requests. I have had these Reports, with that of 1876, bound together, and they make a very valuable book of reference. I prize them very much.

I shall await the result of your experiments with the plumbago annealing crucibles, with great interest. My trial with planchets annealed in copper cannisters proved very successful. This process produces coin however, of a different color from that treated under our present system of pickling the

planchets, which gives an coin a fine silver surface. Your plan gives it a somewhat yellow tinge, or warmer color. We have noticed the same color in your later Silver coinage.

Our Assayer, and indeed all the officials of this Mint, are pleased with the appearance of the coin. I have had an iron pan capable of holding a thousand dollars in small (halves, Quarters &c) Silver coin, so arranged as to be rendered perfectly air tight with clay, in which to anneal planchets, that I think will answer the purpose better than copper tubes. I hope to be able shortly to test it.

I find upon inquiring of our Engraver, that the Steel we use for dies generally, is manufactured by Jessop, England. We have found it to work very well. Jessop makes us a special brand of steel, designed especially for our dies, and we order direct from him.

Our Country is young yet

in the manufacture of steel. We have recently tried a lot made in this city, under the supervision of Mr Barber, our Engraver, and it have proven excellent. Whether the same parties could manufacture another lot, or rather whether they could make it in large quantities as well, is yet to be determined.

I take much pleasure in being able to furnish you with the following statement of the average number of pieces of each denomination of coin, we obtained from a pair of dies, during the year 1874. to wit:-

Dies (4) four	Double Eagle dies	averaged	41.708	pieces.
" " "	Dollar (gold)	"	1.298	"
" " "	Trade Dollar	"	57.018	"
" " "	Half "	"	117.505	"
" " "	Quarter "	"	190.199	"
" " "	Twenty Cents	"	7.950	"
" " "	Dime	"	162.936	"
" " "	Five Cents (Nickel)	"	27.650	"
" " "	Three " (")	"	21.600	"
" " "	One " (Bronze)	"	180.545	"

I have also had prepared a statement of the same kind during the present

year, up to and including Nov. 20th - which shows that

One (1)	pair of	Trade Dollar	Dies	averaged	106.580 pieces
One (1)	"	" Half	"	"	129.825 "
" "	"	" Quarter	"	"	167.440 "
" "	"	" Dime	"	"	218.707 "

I shall be pleased to furnish you with any information I can at any time.

With great respect I remain.

Very truly
Your Obt. Servant
Obt. Barnsdall
Coiner.

To the
Hon. Robt. A. Hill
Supt. Operative Dept.
Royal Mint,
London.

COINER'S DEPARTMENT
Mint of the United States
AT PHILADELPHIA

November 26th 1877

Hon. James Pollock
Superintendent
Sir.

For sometime past I have felt that improvements could be made in the machinery used in this Department for the manufactur of coin, and in the present mode of treating the metal in its manipulation. My attention was first called to the Rolling of Ingots. Greater accuracy I was led to believe could be obtained, by having the rolls ground by a new and more perfect grinding machine, than that in use here. This led to a visit to the establishment of Messrs. J Morton Poole & Cat Wilmington Delaware, where the subject of grinding rolls, and rolling metals, was pretty thoroughly discussed by the firm, and Messrs. Pelt and Garrett,

(Practical men in this Department who accom-
-panied me, and myself. This visit occassioned the firm mentioned to look into our mode of manufpulating Ingots, and they seemed impressed with the idea that we could arrange our rolls to produce strips, as surely accurate by guage, as the Draw Bench does.

About this time I accidently saw a copy of the Report of the Deputy Master of the Royal Mint, London. for 1874, and noticed that the Superin-
-tendent of the Operative Department, the Hon. R. A. Hill, stated that his experiments to do away with the Draw Bench, and to dispense with the annealing of strips, had proven so far successful, that for the greater part of that year he had not used the one, nor annealed the strips.

On the 4th of April I wrote him, asking an explanation of his mode of manipulating the strips from the rolls without annealing, and also what process he employed to avoid the tendency

or blanching the blanks. To this I received a lengthy reply dated June 1st. giving a full explanation of his manner of working, illus-trated with diagrams. I set about experiment-ing on this information, and found that we can reduce our Ingots to the required thickness, without annealing the strips in between by placing the planchets in either copper canisters or iron pans, (the latter preferred) rendered perfectly air tight with clay, we can anneal them without discoloration I have now Coin (quarter dollars) in my possession treated in this manner, that are in every respect as good coin as ever made in the usual way. The result of all these experiments however, only convinced me that the main improvement to make would be, the per-fection of our rolls to such a degree as to do away with the Draw-Bench.

I may say just here that in this effort at improvement the practical men of the Department were freely consulted. Messrs James, Garrett, Downing

and Webb have been acting at all times in this matter, particularly has Mr. James devoted much thought and attention to this subject. Following up the conclusion reached. i.e. that the rolls must be perfected before the Draw Bench could be dispensed with, Mr. James became satisfied that the principle of the small cylindrical Draw Bench dies could be applied to a set of rolls. For some months past we have been allowing the Cylindrical dies in the Draw Bench to revolve, instead of remaining stationary, as had been the practice, so far as I know, since the introduction of the machine. By doing this we have been enabled to use a pair of these dies 12 weeks, whereas when they remained stationary a single day would use them up. Now then, in furtherance of applying this principle to a set of rolls, Mr. James made some drawings of a machine, [redacted] that could be accurately adjusted and so arranged as to produce, it is confidently believed, a strip of silver practically the same thickness

from one end of it to the other.

By carefully examining Mefsrs J. Morton Poole & Co's. system of grinding rolls, Mr. James felt assured that two cylinders, or rolls, could be made of such a uniform diameter and parallelism, as to present to each other perfectly straight lines of an equal distance apart at all points. Then he felt if he could perfect a machine that would enable these rolls to be kept at an even temperature throughout, he would obtain the object sought. These matters were constantly discussed between Mr. James and myself, and resulted in his preparing, as stated, a series of drawings, which, with my consent, he submitted to Mefsrs J. Morton Poole & Co. for their advice and suggestion. These gentlemen were favorably struck with the plan, and Mr. James' idea of keeping the rolls at an even temperature was pronounced feasible. They deemed time to look into the whole plan. This resulted in the preparation by them of the accompanying drawings,

description, specifications and estimate of cost.

I have the honor, also, to transmit herewith a ground plan of the Rolling Room showing the position and space occupied by the several machines therein. The space that the proposed machine would occupy is also shown by the red lines between Rolls Nos. 2 and 3. Upon consulting this plan you will find, that by doing away with the pointing rolls, hay box, and draw Benches there would be an area of 125 square feet gained.

The introduction of an improvement such as is contemplated would I feel convinced, do away with the annealing of strips. The Ingots from the headdown rolls passing on through to the proposed new machine, or finishing rolls, without toughening. The pointing, waxing and greasing of strips would be dispensed with a saving per annum of £90 for Nos and £60. for Tallow.

I believe the Machine presented should be

ordered. The cost is very reasonable - as great care must be taken to have it accurate in construction. Its adjustment is so delicate that the space between the rolls can be made less the ten one-thousandth part of an inch.

It is confidently believed that one of these new machines will do the work of our two Draw Benches. If this belief is realized you can readily see the very great saving in expense by referring to the cost of the last Double Draw Bench, the bill for which was paid June 28th 1873.

Messrs J. Morton Poole & Co do not say positively that the contemplated machine will do all the work claimed for it. They believe, with the practical men of this Department, judging from their general knowledge of machinery, that it will produce more satisfactory results than the two Draw Bench. I deem the matter of sufficient importance to warmly recommend that authority

be granted to them to build a machine for this Department.

I may add in conclusion that I believe it is practicable to dispense with the pickling of planchets, the source of the greatest loss in this Department. Treating the strips as stated, will leave the planchets with a fine polished surface - these placed in closed boxes and annealed, will prevent discoloration. The Coin thus produced will present a nicely polished 9/10ths fine silver surface, instead of the present fine silver surface - will be in color what it is in fineness, and not as now, presenting a pure silver appearance, when in reality 1/10th of it is base.

I have in my possession, as before stated, a lot of Quarter Dollars treated in this way, that were submitted to you, and also examined by the other Officials of this Mint - all agreeing that in appearance they are equally as elegant as our usual

coinage, except in the matter of color - and ~~and~~ this was believed to be an improvement over the dead white pure silver surface of our Coin. The tint is the same as the present silver coinage of the Royal Mint at London, and indeed I am indebted to the Hon. Mr. Hill of that Mint for the mode of treatment

Very Respectfully
Your Obt. Servant
O. H. Babyshell.
Boiner

Dec. 4th 1877.

Miss C. C. Thorn,
Forman Adjusting Room.

Miss Thorn.

You will be kind enough to direct Miss Emilie B. Mauck to report for duty to Mr. A. W. Downing, Forman of Coining Room.

Very Respectfully
C. C. Bushnell
Asst.

TREASURY DEPARTMENT

Mint of the United States

December 5th 1877.

Hon. James Pollock
Superintendent -

Sir;

I have the honor to hand you herewith Six (6) Silver Pattern Dollars of 412½ grains each, designed by Mr. George Morgan and Six (6) Silver Pattern Dollars of same weight designed by Mr. Wm Barber. I also send one (1) of the latter designs in Copper, in order to show clearly the work on his dies, as the Silver ones are not as satisfactorily brought up as could have been desired.

I am Sir, Very Respectfully
Your Obt. Servant
Ch. Bushrod
Asst.

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA

December 8th 1877

Mar. James Pollock,
Superintendent,
Sir:

I have the honor to announce the death on the 29th. ultimo, of Miss M. A. Cattell, who for a number of years past, was a faithful and valued employe of this Department,

Very Respectfully
Your Obt. Servant
O. C. Bosbyshell
Coiner.

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA.

December 8th 1877.

Hon. James Pollock,
Superintendent,
Sir;

For a number of months Mr. A. Westermaier has been a Special Employe in this Department, having an oversight of the Seyes Assorting Machines. Believing that he should be retained in our service, I have the honor, in accordance with the provisions of the "Coinage Act of 1873," to recommend his appointment in the Coining Room at $3. per diem, to take effect from the 1st inst.

Very Respectfully
Your Obt. Servant
Ch. Babcock
Coiner

December 13th 1797.

The Director of the Mint
To the Cornier Dr.

To 40 Specimen 412½ grains Silver
Dollars. (20 Barber & 20 Morgan.)
Standard ounces 24.375 Sub Silver Value $42.80

Sub. Silver value of 12 Specimen cent $12.05

Mint of the United States
AT PHILADELPHIA

December 18th 7.

Hon. James Pollock,
Superintendent.

Sir;

In reply to the Director's letter of 17th inst, desiring to be furnished "with a full descriptive list of all pattern or experimental dies now in possession of the Mint, both of those bearing current date of year, and of previous years," I have the honor to report as in my possession, the following:-

Trade Dollar dies - without date made by
Paquet. 1 Obverse and 1 reverse.

Silver Dollar dies - 412½ grains - 1873
Barber's design - 1 obverse and 1 reverse.
Morgan's design - 1 " " 1 "

Very Respectfully Your Obt. Servant
O. C. Barbyschell Coiner.

TREASURY DEPARTMENT

Mint of the United States
AT PHILADELPHIA

December 22nd 1847.

Hon. James Pollock
Superintendent.

Sir;

In accordance with the provisions of the "Coinage Act of 1843," I have the honor to recommend the appointment of Miss Lizzie B. Reader, as an Adjuster, at $1.75 per diem, in place of Miss M. A. Cattell deceased, - to take effect on the 1st of January 1848.

Very Respectfully
Your Obt. Servant
Ob. Bonbyshell
Coiner.

COINER'S DEPARTMENT.

Mint of the United States
AT PHILADELPHIA.

December 29th 1857.

Hon. James Pollock,
Superintendent.

Sir:

In accordance with the provisions of the "Coinage Act of 1853," I have the honor to recommend the appointment of George A. Ludlow, as an Annealer at $3.00 per diem, to take effect upon confirmation.

Very Respectfully
Your Obt. Servant
O. C. Babyshell
Coiner.

December 29th 1864.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to transmit herewith a recommendation for the appointment of Captain George A. Ludlow as an Assessor, and desire to state that it is made, first because we need another man, - next to comply with the request of the Hon. John D. Mitchell, Member of Congress from the 18th District, and finally and above all, on account of the very eminent services Captain Ludlow rendered the Government during and since the Rebellion - A member of the famous Bucktail Regiment - several times severely wounded, the first man to fall at Dranesville - promoted

from Sergeant to Captain of his Company, he served all through the War - At its close he had charge of the Freedmen's Bureau for two years - in one of the most turbulent districts of Louisiana, where his life was in constant jeopardy - repeated attempts to take it being thwarted by his own courageous conduct -

The depression in business, and loss by fire of his saw mill, requires him now, to seek employment, in other ways than the usual channels of trade -

I am Sir

Very Respectfully

Your Obt. Servant

O. C. Bosbyshell

Cmdr.

CONNECTS DEPARTMENT

Mint of the United States
AT PHILADELPHIA

January 2nd 1878

Hon. James Pollock,
Superintendent.

Sir;

In reply to so much of the Director's letter of 2nd inst, as relates to the date upon which the last dollars of 412½ grains were coined at this Mint, I have the honor to state that the books of this department show the last delivery of such dollars to have been made upon the 29th March 1873.

Very Respectfully
Your Obt. Servant
O. C. Boxbychell
Coiner

ASSAYMEN
United States
PHILADELPHIA

January 3rd 1878.

Hon. James Pollock,
Superintendent,
Sir;

I have the honor to report that the following Dies were used in the Coinage of 1877, to wit:-

Gold.	Dble Eagles.	Eagles.	Half Eagles	Three Dollars.	Quarter Eagles	One Dollar.	Total
Obverse	11	2	1	2	1	3	20
Reverse	17	1	2	1	2	3	26
Total	28	3	3	3	3	6	46

Silver.	Trade Dollar	Half Dollars	Quarter Dollars	Twenty Cents.	Dimes.	—	Total
Obverse	30	74	80	2	46	—	232
Reverse	31	69	81	1	47	—	229
Total	61	143	161	3	93	—	461

Minor.	Three Cent Nickel	Three Cent Nickel	One Cent Bronze	Total
Obverse.	1	1	3	5
Reverse	5	4	6	15
Total	6	5	9	20

Recapitulation.	Gold	Silver	Minor	Total
Obverse.	20	232	5	257
Reverse.	26	229	15	270
Total	46	461	20	527

This number agrees with the number reported by the Engraver, as delivered to the Coiner, during the year 1877.

All of these dies were destroyed by the use of the forge and sledge, in accordance with the provisions of Section 51 Act of February 12th 1873, with the exception of the following Reverse dies, which were redelivered to the Coiner, for use during 1878, to wit:-

Quarter Dollar	3
Dime	8
Five Cent Nickel	5
Three Cent Nickel	3
One Cent Bronze	4
Total	23

3.

Total number of Dies received 524

Number of Reverses returned 23

Total number destroyed 501

Of the 501 Dies destroyed, there were 36 that did not enter into the coinage of 1874. leaving 468 as the number of dies actually used up in manufacturing the coin.

The 36 dies destroyed without use were made up of the following;-

Unfit for use - sinking whilst being adjusted in the Presses - Do Eagles 1 Ob. 3 Rev. = 4

Trade Dolls. 1 " 1 " = 2

Half Dolls. 2 " 7 " = 9

Quarter Dolls. - 6 " = 6

Dimes. 2 " 2 " = 4

Total. 6 " 19 " - 25

Unused Obverses. Do Eagle 1 "

Three Dollar 1 "

Trade Dollar 3 "

Quarter Dollar 4 "

Total 9

Dies rec'd from San F. Mint for Examination - D.E. 1 Ob. + 1 Rv. - 2

Total 36

The 468 dies actually used up in the Coinage of 1877, were as follows:-

		Obverse	Reverse	Totals.	Grand Total.
Gold.	Double Eagle	8	13	21	
	Eagle	2	1	3	
	Half Eagle	1	2	3	
	Three Dollars	1	1	2	
	Quarter Eagle	1	2	3	
	One Dollar	3	3	6	
	Total	16	22		38
Silver.	Trade Dollar	26	30	56	
	Half Dollar	72	62	134	
	Quarter Dollar	76	72	148	
	Twenty Cents	2	1	3	
	Dime	44	37	81	
	Total	220	202		422
Minor.	Five Cents	1	-	1	
	Three Cents	1	1	2	
	One Cent	3	2	5	8
	Total.	5	3		468

Very Respectfully Your Obt Servant
Ob. Babyshell Coiner.

Mint of the United States
AT PHILADELPHIA

January 2nd 1877.

Messrs. Wood, Smith & Co,
No. 40 Wall Street, New York.

Gentlemen;

I have the honor to acknowledge the receipt of your favor of 2nd. inst, and am sorry to say in reply that there is no desire on the part of those entrusted with such matters in the Mint, to purchase any of the collection of coins you have on hand.

Willing at all times to do what I can to oblige you, I remain

With kind wishes

Very Respectfully Yours

A. Loudy Mallet

Asst.

Mint of the United States
AT PHILADELPHIA

January 2nd 1875

Hon. James Pollock,
Superintendent.

Sir;

I desire to have your permission to make the following change in the position of the Cutting Presses, in the Rolling Room.

To remove, and store the Double Eagle and Eagle Cutting Presses, located in the Western part of the Room, and to put into the places thus made vacant, the two Cutting Presses in the Eastern part of the room.

This will enable us to anneal with more facility, and prevent the crowding and cramping incident to the Eastern part of the room.

If you approve, please instruct the Machinists to make these changes.

Very Respy Yr Obt Svt

O. Perry Hall Cash.

Mint of the United States
AT PHILADELPHIA

January 4th 1878.

Hon James Pollock
Superintendent
Sir:

I have the honor to enclose herewith, Reports for the 4th Quarter ending December 31st 1877. as follows.

Fine & Stand Gold & Silver Bullion used in the Manfr of National Medals.
Fine Gold medals of a National character.
Fine Silver " " " "
Gold Proof coin
Silver " "
Copper (bronzed) medals of a National character.
Copper used in the Manufacture of Bronzed medals.

Very Respectfully
Your Obedient Servant
A. Boyd Cheel
Coiner.

January 10th 1848.

Hon. James Pollock,
Superintendent -

Sir,

In obedience to the directions contained in your letter of 7th inst, I have the honor to report that the blanchets are now prepared with which to strike specimens of the proposed "foloid" coinage. These will be struck as soon as I receive the dies.

Very Respectfully
Your Obt. Servant
O. C. Bosbyshell
Coiner

Mint of the United States
AT PHILADELPHIA

January 12th 1858.

My dear Colonel

I am in receipt, this morning, of your letter of 2nd. inst. recommending the appointment in the Mint, of Miss Mary Todd, a friend of Major Baugh.

I can assure you it would be a pleasure to oblige you in this matter, but our force of lady employees at present, is amply sufficient to do the work required.

Should an opportunity occur in which I can be of service, I shall be happy to avail myself of it.

Very Respectfully
Your friend & Obt Servt
A. B. Boteyhell
Asst.

Col. A. Lander Snowden
Postmaster

Mint of the United States
AT PHILADELPHIA

January 12th. 1878.

Hon. James Pollock,
Superintendent.
Sir;

In compliance with your letter of instructions of the 11th. inst, I have the honor to send herewith, Ten (10) "Goloid" Dollars, of Barber's design, Two (2) Eagles of Morgan's design, and Two (2) half Eagles of Morgan's design, and the bill for the same, amounting to Thirty-four dollars ($34) in gold, and Six 42/100 Dollars ($6 42/100) in Silver.

Very Respectfully
Your Obt. Servant
C. C. Bobyshell
Cashier.

January 12th 18[illegible]8.

Mr. Director of the Mint

To the Coiner Dr

To 10 Specimen 258 grains Gobleck Dollars
Standard ounces Gold .925 .215 Gold value 4.00
" " Silver .925 5.160 Subsidiary Value 6.42
" 2 Specimen Gold Eagles
" 2 " " Half Eagles
Standard ounces Gold .917 1.6125 Gold value 30.00
40.42

Mint of the United States
AT PHILADELPHIA

January 14th 1878.

Hon. James Pollock
Superintendent.

Sir;

Learning through you that the Director desired the views of the several Officers in this Institution, upon the proposed "Goloid" Coinage, I have the honor, at your request, to state that I do not think such a coinage at all desirable.

There is no doubt, judging from the experimental pieces recently struck, that an alloy composed of 36 parts of gold, 864 parts of Silver and 100 parts of Copper, is capable of easy manipulation. It works well, and readily receives the impressions made upon it.

It is objectionable however, for a number of reasons - In the first place

there is no quick way of discerning the metal from our Standard Silver. Its color is not sufficiently changed to readily detect it.

The evils arising from this one fact are many and great. The ease with which it could be counterfeited, by striking in standard Silver is a serious defect. Two hundred and fifty-eight (258) grains of Standard Silver is worth in our subsidiary coin sixty-seven (67) cents - a profit of thirty-three (33) cents on each piece would offer great temptation to evil doers.

The weight would correspond with the "Goloid" dollar - the jingle and color the same, and it would require an assay to determine the genuine from the counterfeit.

A Melter and Refiner disposed to be evil could readily palm off, on the Banks, Standard Silver Ingots for "Goloid", or this could be done through mistake, and the serious result of the Mint issuing false coin would arise. Or,

a wicked Comer could readily find opportunity to issue standard silver for "Goloid" and use the latter to cover up peculations in his gold account.

I see many evils in the practical working of a composition of the kind proposed - particularly in an institution, where standard silver is so largely worked. It opens the door very widely to temptation and fraud.

The great objection - that of affecting the credit of our money with other countries, I leave for abler minds to grapple.

I might add that if the Mint is to lose its revenue, derived in the parting of gold from silver, because there can be silver ore mined, already alloyed with gold in the proportion required for "Goloid", then I see no reason why the owners of mines who have ore of a different value, should not be accomodated with a "dollar" to suit

their production.

In conclusion I wish to say that I have no desire to dictate to the authorities what the coinage of the country should be. I believe that the office of Coiner is to make the coin provided for by the laws - not to decide upon its nature.

Very Respectfully
Your Obt. Servant
O. C. Babyshell
Coiner.

NER'S DEPARTMENT

Mint of the United States
PHILADELPHIA.

January 14th 18.

Mar. James Pollock
Superintendent.
Sir;

I have the honor to report the following, as the prices obtained for the articles named, to wit:-

	Appleton. Drilling -	Atlantic Mills -	Extra Ticking
Jno. Wanamaker -	8½ ct per yd.	8¼ ct per yd.	15 ct to 16 ct per yd
Wm. H. Pennell	8¼ " "	8 ct " "	15 ct per yd

Very Respectfully
Your Obt. Servant
Ob. Babyshell
Coiner.

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA.

January 15th 1878.

Hon. James Pollock,
Superintendent.

Sir:

I have the honor to transmit herewith a "Gobrecht" Pattern Dollar struck in Standard Silver. I have had this struck in order to enable you and the Director to compare it with the pieces struck in "Gobrecht". A comparison will convince you, as it has me, of the utter impossibility of detecting "Gobrecht" dollars from standard silver pieces.

The examination of the letter "O" in the word "Of" on the reverse of the silver piece enclosed, will enable you to detect this piece from those struck in "Gobrecht", as in the silver piece it is defectively struck.

Very Resp'y Your Ob't Serv't
Chas. Bentley Russell Coiner

Mint of the United States
PHILADELPHIA

January 16th 1878

Mr C. Dunkelberger
S. Sir.

Please call here on Friday morning, for instructions in reference to the enclosed order for Gold & Silver Ledgers.

Very Respectfully
Your Obt Servant
O. C. Bosbyshell,
Coiner.
pc.

Mint of the United States
AT PHILADELPHIA

January 19th 1878.

Hon. James Pollock,
Superintendent.

Sir:

I have the honor to report that Mr. Jno. McArthur Jr. Supervising Architect, with another gentlemen connected with the Dept. of Public Buildings, made an examination of the Water Closets in the Assay Room, as well as all such Closets in the Mint, yesterday afternoon. This examination was made by them, in consequence of a complaint as to the dreadful condition of the Waster Closets in the ~~Assay~~ Adjusting Room, forwarded by a Charles Chapman to the authorities in Washington.

This letter of Mr. Chapman grossly misrepresented the facts, as Mr. McArthur

discovered during his examination - The Closets in the room particularly complained of were found to be clean, and free from disagreeable order - in the language of Alderman McArthur "These are all right - I wish the Water Closets in my house were as free from smell." The air in the room was pure and healthful.

I regret exceedingly that any complaint should be made as to the condition of any part of the Department over which I have charge, by outside parties. Whenever any report has been made me touching any defect in the Sanitary regulations, I have at once had it corrected, or if beyond my power, have reported it to you, and you have promptly acted in the matter.

Very Respectfully,
Your Obt. Servant
Ob. Babyshell
Coquier.

Mint of the United States
AT PHILADELPHIA

January 22d 1878.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of the "Coinage Act of 1873", I have the honor to nominate, Mrs. Amelia R. Sherry, for appointment as an Adjuster at $1.75 per diem, to take effect upon the 1st of February.

Very Respectfully
Jno. A. Kinnard
A. L. Babcock
Cashier

William E. DuBois Esq
Assayer &c.-

January 28th 18

My dear Sir.

I have the honor to acknowledge the receipt of your favor of 24th inst, enclosing the application of Mrs. A. M. Smyth, widow of General Thomas A. Smyth of Wilmington Del. for appointment to a position in the Mint.

Were it not for positive orders from the Mint Bureau directing that our force of employees must not be increased, I should take great pleasure in recommending the appointment of this lady - not only to oblige yourself, and dear friend Dr. Lewis P. Bush, but because I believe her case is one of those that demands recognition at the hands of the General Government. I am Sir, Very Respy Yr. friend & Obt.
Obt. Bobby Bell, Cashier.

January 29th 18.

The Superintendent of the Mint

To the Coiner Dr

Five (5) Silver Proof Sets Set Silver Value 10.70

" Five (5) Base " " 45

11.15

Received Payment

O. C. Boutcher

Coiner

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA

January 31st 1878.

Wm. A. Rollins
President Centennial Bank

Sir:

In reply more fully to your verbal inquiry of the 30th inst, as to the mode of paying for "Silver Bullion" at the Mint, I have the honor to inform you that Three thousand Silver medals 900-1000 Fine and weighing Twelve hundred & Five $\frac{625}{1000}$ (or 1205 $\frac{625}{1000}$) ounces will produce at the Mint payable in Gold Coin (at the present price, one hundred & Six cents per Standard ounce) Twelve hundred & Seventy Seven $\frac{96}{100}$ dollars.

Or if the Director authorizes the coinage of Trade Dollars, Silver Bullion of the above weight and fineness would

produce Thirteen hundred & Sixty Two (1362) Trade dollar pieces, and twenty four cents in Subsidiary Coin.

The estimate on the Trade dollar value is with the Coinage charge off, which is One cent and a quarter (.01¼) on each piece.

Very Respectfully
Your Obt. Servant
A. L. Bostwick
Coiner.

Mint of the United States
AT PHILADELPHIA

February 5th 1878.

Col A. London Snowden
Chief Coiner.

My Dear Colonel.

In reference to your inquiry about the Nine (9) Large Centennial Silver Medals sent here in a Satchel to be re-polished and restruck, I am confident in saying they were returned as soon as completed, and delivered to You or Mr Stunder, Mr Stief also is confident he delivered them.

Very Respectfully
Your Obt Servant
O. C. Babyshell
Coiner.

Mint of the United States
AT PHILADELPHIA

February 7th 1878.

Hon. James Pollock,
Superintendent -
Sir,

In response to so much of the Director's letter to you of the 6th inst, as relates to the filing of Trade Dollars, I have the honor to say, that I am unaware of any standard height of a pile of twenty (20) pieces of Trade Dollars - at least the law does not fix either the diameter or thickness of an Coin. Custom has fixed a standard, and we guage our coins accordingly. The thickness of a trade Dollar, according therefore, to custom, is $\frac{82}{1000}$ ths of an inch - a pile of twenty (20) then should be $1\frac{640}{1000}$ th of an inch high. However as Coins cannot be put to so severe a test as this, as circumstances over which we have

no method cause the thickness to vary - The blow given each piece we know is the same. the diameter must be the same, as the steel collar holds the metal rigidly, but the character of the metal struck is not always the same. If we could secure a uniform character of metal, so that the resistance would always be exactly the same, then being able to regulate the power of the blow, and of determining the character, we might hope to have a practicly uniform thickness. A deviation from the customary thickness ($\frac{82}{1000}$ths) of a Trade Dollar, of $\frac{4}{1000}$ths of an inch (say a hairs thickness), would in a pile of twenty make almost the difference of one piece -

Some time since Wm Powers and Weightman, of this City, sent to the Mint, two packages of Trade Dollars. 25 struck in this Mint, and 25 struck in the Mint at San Francisco - with an inquiry as to why when

the two piles were placed side by side - there was room on the pile of San Francisco Dollars to put an additional piece. By placing them together I found this correct - 25 Philadelphia Trade Dollars were as high as a pile of 26 San Francisco Dollars. An examination of the several coins showed that the reeding on the edges of the Philadelphia pieces came up square from edge to edge, whilst that on the San Francisco pieces was only on the centre of the edge, leaving rounded spaces where it left off, and the border of the pieces. We felt satisfied that this was caused by these pieces having been struck in a lower collar than those made in Philadelphia - and this made them a shade thinner, which difference widened to an additional piece in a pile of twenty.

An examination of the Collar sent from the San Francisco Mint, suggests other reasons for a difference in the heights of piles of twenty.

Applying our Standard Gauge to this collar, we find it to be correct from bottom of reeding.

It shows however that the pieces were struck at the top of the collar. The collars are made with a slight slope from the top to the bottom - so that the diameter of the top is trifle larger than the diameter of the bottom. This is done in order to allow the struck piece to be easily shoved up out of the collar by the lower die. Our pieces are struck in the centre of the collar - hence a very trifle less in diameter than pieces struck in the collar sent from San Francisco. This would make a difference in the height, quite perceptable in piles of twenty.

To prevent mistakes Coin should not be piled higher than ten. The pieces from Powers & Waightman were subjected to this test and no perceptable difference in the heights of such piles was noticeable.

Very Respectfully Your Obt Servt.
Chas. Bickhell - Asst.

COPY OF LETTER
Mint of the United States
AT PHILADELPHIA

February 8th 1878.

Col A. Loudon Snowden
Director

My Dear Colonel

I have the honor to inform You, after a thorough search I have been unable to find the Nine (9) Large Centennial Bronze Medals of which You refer to in Your favor of the 4th inst. The medals You Cochran brought here in a Satchel were Silver, and I am fully convinced that all the Bronze medals brought here were delivered to You or Your representative in due time. If You desire Nine (9) additional Large Bronze Centennial medals Struck please advise me at Your earliest Convenience,

Very Respectfully, Your Friend
& Obedient Servant
A. L. Boerstler. Coiner.

February 16th 8.

To the Hon Judge of the
Court of O. & T. & Quarter Sessions

Sir:

Mr James M. Stewart an employee of this Department, engaged in the Printing Room has been Summoned as a Juror in Your Court. We are very busy at the Mint, and Mr Stewart is in a room where the pressure to get out the work is very great. We should feel his absence and You would render us a Service by excusing him.

Very Respectfully
Your Obt Servant
A. B. Bosbyshell
Coiner.

February 16th 1848

Hon. James Pollock,
Superintendent -

Sir;

I have the honor to request that the per diem pay of Daniel S. Fuller, a Coiner in this Department, be increased from $3 75 to $4 00.

Mr. Fuller is an old and valued employe, and the work he performs warrants the increase named.

Very Respectfully
Your Obt. Servant
Geo. Bosbyshell
Coiner.

COMPTROLLER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA

February 19th 1878.

Col James Pollock
Superintendent
Sir:

In compliance with your verbal instructions, I have the honor to transmit herewith Two (2) Gold Eagles and Two (2) Half Eagles (Mr Barbers design) to be forwarded to the Director of the Mint.

Very Respectfully
Your Obt Servt
A.C. Boyden
Coiner.

COPYING DEPARTMENT

Mint of the United States
AT PHILADELPHIA

February 19th 18.

The Director of the Mint

To the Coiner Dr

To	Two (2) Gold Eagles (Barber design)	#	20.00
"	Two (2) " Half Eagles "	#	10.00
		#	30.00

Received Payment
Oliver Bosbyshell
Coiner

Febry 19th. 1878.

Mr. C. J. Cadwalader
Accounting Dept. Penna. R.R.Co.
232 South 4th St. Phila.

My dear Sir,

I have the honor to acknowledge the receipt of your letter of today, recommending your sister for appointment in the Mint.

There is no probability of any vacancy in our force of Lady employees at present. I have placed the application on file, and will be happy to oblige, if I can find it in my power to do so.

Very respectfully
Your Obt. Svt.
R. E. Rodgers
Coiner.

February 26th 8

M. McL. Mitys Esq

Dir

This Department ordered on the 6th inst through Your brother Mr James McMitys Ten (10) dozen Mens Buck Mitts and as to this date have failed to hear from him. In case Your brother is out of town please attend to this matter at once, as We are greatly in need of the Mitts.

Very Respectfully

O. C. Barbythell

Comm'r L.S.

Mint of the United States
PHILADELPHIA

February 23d 1878

Mr. E. C. Kellman,
33 S. 2d. St.

My dear Sir;

In reply to your note of yesterday, I have the hum to state, that the peso or dollar of Mexico is properly a piece of 8 reals. The legend means as follows:

8 Reales. Guadalajara (Mint of that State) 1877. The two letters, the initials of the Assayer, as his certificate of fineness. Then the fineness, in Spanish terms.

10 Dineros. 20 Granos. which is 903 thousandths nearly.

They generally run from 900 to 904, slightly above our Standard of 900.

Very Respectfully
Your Obt Servant
A. E. Burkholder
Coiner.

COINER'S DEPARTMENT

Mint of the United States

IN PHILADELPHIA

Feby 23rd 1878

Miss Eliza J. Buell
308 Market Street,
Harrisburg, Pa.

My dear Miss Buell.

I have the honor to acknowledge the receipt of your favor of yesterday.

At the present time I cannot offer you the "one bit of hope," you wish, respecting an appointment in the Mint. Our orders are to "make no appointments". The passage of the "Silver Bill" will undoubtedly give us a great deal of work, but whether an increase in our force will be allowed I cannot say. I have scores of most excellent applicants on file, all requiring more or less consideration. I can only say that I will place your letter on file, and when the time come when I can serve you, be assured that it will give me very great pleasure to do so.

Very Respectfully
O. C. Barbyhell
Coiner.

300

February 27th 48

My Dear Madam

In reply to your favr of the 25th inst. I would respectfully state, that your application has been filed and will receive due consideration, but at this time I cannot promise anything definite

Very Respectfully
Your Obt Servant
O. Borbyshell
Coiner.

Mrs Jos Boker
Chambersburg Pa

301

February 28th 1878.

A. M Creighton Esq
Hazleton Pa.

Dear Sir:

I beg You to pardon my delay in acknowledging the receipt of Your favor of February - but the meeting of the Commission for Our Annual Assay, and a General press of business has prevented an earlier reply.

All the items under purchases for Coinage are melted up - We do not retain in the Mint any old coin, and so I can not help You out in the matter You wish.

For some reason which I confess I am unable to explain, it seems that the manufacture, and delivery of what We term "Proof Sets"

were for a number of years not reported.

There are, and have been issued every year, those proof sets, so that when you see coin dealers offering pieces for sale for years, which the Director's report shows that where no coins of the denomination made, you may be certain that they are proof coin.

The Dollar of 1836 has on its reverse a flying eagle, scattered over with stars.

If you will correspond with Dr. R.B. Davis S.E. Cor 16th & Vine Streets, he will be able to post you thoroughly as to what pieces you can obtain, with the prices thereof. He is one of the best informed men on the subject I know of. You may, in writing him, if you desire, mention my name.

I may add by the way, that I am a brother to the gentleman you refer to, in the beginning of your letter.

Very Respectfully,
Your Obt Servant
O.B. Babyshell Comer

COINER'S DEPARTMENT

Mint of the United States

AT PHILADELPHIA.

March 2nd. 1878.

Mar. James Pollock,
Superintendent.

Sir;

I have the honor to acknowledge the receipt of your letter of this date, containing instructions in regard to the coinage of the new silver dollar.

It will be necessary, as heretofore stated, in order to meet the demand upon this Department for these dollars, to erect an additional annealing furnace in the Cleaning Room, for the annealing of blanks, and the introduction of another riddle - to remove the wash tubs - drying pan, and steam oven used for drying clippings, to the room beneath, connecting the two rooms with an elevator.

This is very essential, and should be done

at once.

I am having all the adjusting scales on hand put in order, and placed on the tables ready for immediate use.

I expect this to be done by Monday morning.

I can assure you that every effort will be made to meet the most sanguine expectations in regard to the amount of coin to be made.

Very Respectfully
Your Obt. Servant
O. C. Babyhill
Engr.

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA.

March 4th 1878.

To The Hon Judge of the
Court of O. & T. & 2nd Sessions

Sir:

Mr Daniel J. Fuller
An employee of this department engaged
in the Coining Room has been summoned
as a Juror in your Court. — We are very
busy at this time preparatory to running the
Mint to its fullest capacity in view of
the passage of the Silver bill and Mr
Fuller is required at his post, and you
would render us a service by excusing him.

Very Respectfully
Your Obedient Servant
C. G. Bordyhell
Coiner

Mint of the United States
AT PHILADELPHIA.

March 4th 1878.

L. P. Bucher Esq
International Hotel
Boston. Mass.

My dear Sir;

I have the honor to acknowledge the receipt of your letter of 2nd. inst.

There is no instruction to increase our force of employees - indeed it is thought that we can do all required with the present force. Should it be necessary to add more ladies - there are more than fifty applicants for every place we could possibly make.

I will place your letter on file - promising that it shall receive due consideration -

Respectfully Your Obt Svt
O. E. Babcock Asst

March 7th 8

Mr H. O. Smith

Sir,

In reply to your favor of the 6th inst. I have the honor to say, that the information that you was correct, as there is no record of the Proof Sets struck for the year 1856.

Very Respectfully
Your Obt Servant
O. C. Boxbyshell.
Coiner

March 7th 8

Mr C. E. Leiser

Sir,

In reply to your favor of the 6th inst, I have the honor to say, that your application for a Specimen Liberty dollar of the Barber design will be placed on file, and those when they are issued will receive prompt attention.

Very Respectfully
Your Obt Servant
O. C. Boxbyshell
Coiner

Mint of the United States
AT PHILADELPHIA

March 7th 8.

Mr. Arthur Cox,
Philadelphia.

My dear Sir;

Will you be kind enough to let me know the cost of two (2) Riddles similar to the one now in the Cleaning Room, with gearing rearranged so as to run them? I say two (2) Riddles - We may only need one - so let me know cost of one Riddle - if only one is ordered per also cost of two, if we can get authority to purchase two.

Yours Very Respectfully
Your friend & obt Svt
O. C. Bakewell
Asst

COINER'S DEPARTMENT

Mint of the United States

AT PHILADELPHIA

March 7th 1878

My dear Miss Hyntoop

I have the honor to acknowledge the receipt of your favor of the 6th inst, and in reply thereto would respectfully state, that there are no vacancies at present, and have not received instruction to increase the force, but will file your application for a position in the Mint.

In case of an increase in the force, due consideration will be given it, but as there are hundreds of applicants, I cannot promise anything positive on the subject.

Very Respectfully
Your Obt. Servant
C. Babythell
Coiner

310

March 7th 18

Mr Clay Pt Evans

Sir.

We respects to your favor of the 2nd inst, & have the honor to State, that your application for a specimen Liberty Dollar of the Barber design will be placed on file, and should there be any issued will receive prompt attention.

Very Respectfully
Your Obt Servant
Ch Barkhead
Coiner

March 8th 18

Messrs J Ott & Sons
Gentlemen

We are thinking of having made for the Department Five (5) copper Kettles and one (1) copper drying pan, and would like you to send some one here at once, to say about what the probable cost will be.

Messrs Geo Wagner & Sons have been invited here for the same purpose.

Very Respectfully
Ch Barkhead
Coiner

No order, as yet, to issue these pieces as a pattern piece.

March 8th 8

Very Respectfully
Your Ob't Servant
C. E. Barbydeer
Engraver

Mr A. Teris.
Sir:

I have the honor to acknowledge the receipt of Your favor of the 7th inst, and in reply thereto would respectfully State that I will be glad to furnish You with one of the New Dollars as soon as they are struck.

As to a "Babe" design I will enter Your name on the list of applicants for that Coin, and should any be issued I will See that it receives attention. We have

Mint of the United States
AT PHILADELPHIA

March 11th 1878

Rufus Shapley Esq.

Dr.

Mr Geo F. Forney an employee of this Department engaged in the Rolling Room has been summoned by you as a Witness to appear at this time preparatory to running the Mint to its fullest capacity in view of the passage of the Silver bill, and I ask that you use a great effort to allow Mr Forney to return to the Mint if not wanted at once, and give him a half hour's notice if wanted, and he will respond promptly.

Very Respectfully
Your Ob't Servant
A. Boyd Cassin

TREASURY DEPARTMENT.

Mint of the United States
AT PHILADELPHIA.

March 11th 1878.

F. B. Kaercher Esq.
Safe Deposit Bank, Pottsville Pa.

My dear Sir:

I have the hour to acknowledge your letter of 9th inst. it only reached me this A.M.

We are in the dark as to the arrangements for distributing the new dollar. Mr. Pollock tells me that persons desiring [illegible] must apply to the Secretary of the Treasury the same as is done for subscribing before Coin. & then the Sec. will send an order for the Mint to send to the party applying. I have no way of distributing from my Office. and under advice you to apply at once to the Sec. of the T. We shall probably make our first delivery Wednesday morning.

Very truly Yours
A. L. Dallmann. Asst.

Mch. 10 8.

My dear Sir.

Yours of 9th inst at hand. I shall be glad to see Mr. Morgan at anytime, between 9 & 3 o'clk.

There are no vacancies at present in our force of Lady employes, and we have no instruction to increase that force. There seems to be a general impression that the new Tariff Bill must necessarily increase our force. This is erroneous. A dollar changes is not so difficult to get out as a dime. The work goes faster.

The young Lady's application will be placed on file, with some 120 others I have, & if any increase is made, will receive due consideration.

Very respy Yr friend
& Obed
O. C. Barkdull
Cashier

Hon W. W. Eaton
Orlando

March 12th 1878.

Hon. H. R. Linderman

Director of the Mint

To The Courier Dr.

To 203 Silver Dollars — $203.00

Received Payment

O. C. Beckwith

Courier.

COINER'S DEPARTMENT.

Mint of the United States
AT PHILADELPHIA.

March 13th 1878

Hon H. R. Linderman
Director of the Mint
To the Coiner Dr

To 300 Silver Dollars $ 300.00

Received Payment.
C. C. Batchelle
Coiner

TREASURY DEPARTMENT.

Mint of the United States
AT PHILADELPHIA.

March 13th 1878.

Wm. James Pollock
Superintendent.

Dr;

I have the honor to report that the new Dollar dies A are working very satisfactorily. Three presses are now in operation, and the coinage is progressing smoothly and rapidly.

Very Respectfully
Your Obt. Servant
R. M. Patterson
Coiner.

March 14th 18

Hon John C Rayburn
Harrisburg Pa

Dear Sir,

I have the honor to acknowledge the receipt of your favor of the 13th inst, and in reply thereto, would respectfully state, that the force of the Mint does not necessarily have to be increased but will file the application of Miss Mc Kinley for a position in the Mint, and in case there is any chance will give it due consideration.

Very Respectfully
Your Obedient Servant
A. L. Boboyshell
Coiner.

March 16th 8.

Hon H. R. Linderman
Director of the Mint.
To the Coins Dr

To 150 Silver Dollars $150.00

Received Payment
O. C. Boteyhell
Coiner
pS.

Mch. 18th 8.

My dear Captain -

I have the honor to acknowledge the receipt of your favor of 15th inst -

You can get the new Dollar here for gold - If you will send me $50 gold I will see that the coin desired is properly forwarded.

Very Truly
Your Obt. Servt
Chief Clerk
Coiner -

Capt. Jno. R. Porter,
Fort Auck Pa.

COINER'S DEPARTMENT.

Mint of the United States

PHILADELPHIA.

March 18th 1878.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to request that the per diem pay of Miss E. Thorn, Forewoman of the Adjusting Room be increased to $2.50. Miss Thorn's task is an onerous one and very much more so under the heavy pressure now upon our Coin- She is an old and exceedingly valued employee - thoroughly understanding her work, and in every way worthy the amount requested. Her responsibility as the head of the Adjusting Room is very great and should entitle her to the recognition desired. The Adjusting Room at San Francisco is placed in charge of

of a man at a per diem pay of not less than $1 per day. Miss Thorn is certainly entitled to the one-half that amount.

I desire also to renew my request as to an increase in the per diem pay of Miss J. E. Dorff, and Miss Lissie George, Counters. that of the former to be fixed at $2.75, and that of the latter at $2.50. These ladies are both excellent workers, and fully deserve the increase requested.

May I presume to suggest that these matters be settled whilst the Director is here.

Very Respectfully
Your Obt. Servant
C. C. Berkshire
Comr.

MINT OF THE UNITED STATES
AT PHILADELPHIA

March 18th 1861

My dear Sir;

I have the honor to acknowledge the receipt of your letter of 15th inst recommending Miss Mary E. McKinley for appointment to a place in this Mint. Said place is on file for future reference - as we have no vacancies at present and no instructions to increase the force - and can assure you that it shall receive every consideration we can give it, when the time comes.

Very Respectfully
Your Obt. Servant
O. C. Bartholomew
Coin.

J. L. Cowen Esq.
158 N. 9th Street

OFFICIAL USE ONLY

Mint of the United States
AT PHILADELPHIA

March 20th 1878.

Hon. James Pollock
Superintendent
Sir;

I have the honor to transmit herewith, the bids of Messrs Orr, Rees and Morgan, and Messrs Wm Sellers & Co, for new riddles in the Cleaning Room, by which you will see that the first named firm, fix the price of two riddles, put up ready for use, at three thousand dollars ($3000), whilst the latter firm bid Nineteen Hundred & Fifty Two 53/100 ($1952 53/100) dollars, exclusive of erection. For one riddle put in place, Messrs Orr Rees and Morgan bid Fifteen Hundred & Fifty ($1550) dollars, whilst Messrs Sellers & Co bid Nine Hundred & Fifty ($950) dollars, exclusive

of erection, and agree that the cost of
erection shall not exceed One hundred
($100.) Dollars.

I send herewith a requisition on
Mess Wm Sellers & Co, for the construction
and erection of one (1) riddle, as it is
believed the can very well do with one,
at a cost not to exceed Ten hundred &
Fifty ($1.050.) dollars, which I trust you
will approve.

You will note that Mess Sellers & Co,
agree to give the Mint any advantage in cost
of this new riddle, provided they find it
can be done for less.

Very Respectfully
Your Obedient Servant
Q A Bagby Bell
Coiner.

COINER'S DEPARTMENT.

Mint of the United States
AT PHILADELPHIA.

March 21st 1878.

The Superintendent of the Mint
to the Coiner Dr

To Six (6) Eagle Dollars	Gold	$	3.00
	Gold Dollar		3.00
" Twelve (12) Silver Dollars (Trade)	"	"	6.00
		$	12.00

Received Payment,

Coiner.

COINERS DEPARTMENT

Mint of the United States

March 22nd 18.

Messrs Oat & Son

Gentlemen

Please find inclosed our Order to repair Coffee Cullender, and I would like to see Your here, at Your earliest Convenience.

Very Respectfully
Your Obt Servant
O. C. Boabyshell.
Coiner.

331

March 28th 18.

Mr Jen J. Bart
Schuylkill Haven
Pa.

Sir,

I have the honor to acknowledge the receipt of your favor of the 16th inst, in reference to securing you a position in Government employ, and would have replied earlier had time permitted.

It will give me pleasure to place your application on file here at the Mint,- We have no vacancies at present, and no instructions to increase the force. Should anything occur etc, I will give your claim all the consideration &c.

Very Respectfully
Your obedient Servant,
C. C. Pickrell Coiner

Mint of the United States
AT PHILADELPHIA

March 25th 1878.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of the "Coinage Act of 1873," I have the honor to recommend the appointment of the following, as Adjusters, at $1 75/100 per diem, to report April 1st 1878, viz:-

Mrs. Caroline Fenton
Miss Ruth Clements
Mrs. Emma L. Stevenson
Mrs. Anna L. Hill
Mrs. Amelia C. Knorr
Miss Hattie M. Asbury
" E. Cunningham
" Jennie Clemens.
" Nellie R. Roads.
" Mary Thorn

Very Respectfully Your Obt Servant
C. E. Babb Chief Clerk

March 27th 8

Hon James B. Reilly
House of Representatives
Washington D.C.

Dear Sir:

I have the honor to acknowledge the receipt of your letter of the 25th inst, recommending the appointment of Miss Sallie Foelk to a place in the Mint.

I would be pleased to comply with your request at once, were it not that the force of employees is sufficiently large at present to meet all requirements.

Should an opportunity occur in the near future, I would be very happy to oblige.

Very Respectfully,
Your Obedient Servant.
O. C. Bobyshell
Director

March 27th 8.

Mrs C. M. Fagundes

Dear Madam

By calling at this Department at your convenience, you will be accommodated with some Bags to sew.

Very Respectfully
Your Obedient Servant
O. C. Rockyfellow
Coin Co
per S.

Mint of the United States
AT PHILADELPHIA

March 29th 1878.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of the "Coinage Act of 1873" I have the honor to recommend the appointment of Mrs Fanny L. Griffitts and Miss Bessie Fulton, as Adjusters at $1.75 per diem, to take effect upon confirmation.

Very Respectfully
Your Obt. Servant
O. C. Bosbyshell
Coiner.

Mint of the United States
AT PHILADELPHIA

April 1st 1878.

Hon. James Pollock
Superintendent.

Sir;

I have the honor to report that the new dollar dies are working satisfactorily, so far as the mechanical operations are concerned – that is, they seem to be of a proper radius, and press home & bring up the work on them with ease, and the coins file evenly and without rocking.

The dies however, do not stand so well as could be desired. They crack and sink shortly after entering the presses. This would indicate some defect either in the hardening, or in the steel used.

During the coinage of March there were used forty-six (46) dies

dies, (32 Obverse and 14 Reverse,) and they produced an average of 43.548 pieces per pair. Whilst this appears to be a good average it must be remembered that in order to produce the amount of coin deemed desirable, we ran many of the dies a longer time in the presses, than are ought to have done.

The average number of pieces to a pair of Fred Sailor dies during 1894, was about 100.000.

With dies as well prepared as these seem to have been, we ought, with those at present in use, attain the same results, and so far as I am able to state the difficulty is alone in the steel, or manner of treating it.

Very Respectfully,
Your Obt. Servant
O. C. Beckyshell
Coiner.

COINER'S DEPARTMENT.
Mint of the United States
AT PHILADELPHIA.

April 4th 1878.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of Section 3504 Title XXXVII p. 486 Revised Statues, I have the honor to recommend for appointment, as Adjusters, at $1.75 per diem, the following:-

Miss Helen E. Brinton, vice Miss Sara Jackson, resigned.
Mrs. Amelia V. Helmick,
Mrs. Susan Dest[illegible], and
Miss Mary Casey.

These appointments to take effect upon confirmation.

Very Respectfully
Your Obt. Servant
A. E. Boyd Scheil
Coiner.

Mint of the United States
AT PHILADELPHIA.

April 4th 1878.

Hon. James Pollock,
Superintendent.

Sir,

In forwarding the recommendations for appointment to ~~Assistants~~, of this date, I have the honor to state that Miss Helen E. Brinton comes strongly recommended by Gen. W. Childs Esq, Mr. Dillwyn Parrish and other eminent citizens. Miss. Amelia T. Hemick is a sister of J. Fraley Smith Esq, and this appointment is especially requested and desired by the Hon. J. D. Cameron. Miss. Susan De Haas is a widowed sister of Governor John F. Hartranft - entirely without means of support, and the Governor makes a personal matter of this application, earnestly desiring it to be made.

Miss Mary Casey, the Hon. Robt. M.

Mackey personally request. These gentlemen I turn desire these appointments, and want to be credited with them -

I trust you will make them - so for as the carriage desired it must have more Adjusters. I have five (5) Scales that can still be used, and I can find table space for them -

Very Respectfully
Your Obt Svt
A. C. Buckstaff
Comr -

April 4th 1

Hon. James Pollock,
Superintendent.

Sir;

In response to the Director's letter of March 23rd, I have the honor to transmit herewith twenty-five Silver Dollars, as a fair sample of the Coin produced from the dies we are now getting.

Very Respectfully
Your Obt. Servant
O. C. Boileau
Coiner.

April 4th 8.

Hon
N. R. Leuderman
Director of the Mint
In the Courier Dr.

To 25 Silver Dollars $25.00

Received Payment
O. C. Boreyshell
Courier.

Ph ope 12/78

April 4th 8.

Hon James Pollock
Superintendent
Sir.

I have the honor to enclose herewith, Reports for the first quarter ending March 30th 1870. as follows.

Fine Gold and Silver Bullion used in the manufacture of Medals.
Fine " Medals of a National Character.
Fine Silver " of a " "
Gold Proof Coins.
Silver " "
Copper, bronze, Medals of a National Character.
Copper, used in the Manufacture of bronze Medals.

I am Respectfully
Your Obedient Servant
D. B. Barbythell
Coiner

Mint of the United States

Philada April 5th 8.

Messrs J Cat[illegible]
Southwark

This Department has on hand a lot of Copper Medal Clippings, which We want exchanged for Copper Cents, and should like to see them here at your earliest convenience, to make an offer.

Very Respectfully
Your Ob[illegible] Servant
A. Le Roy Pickett
Assistant

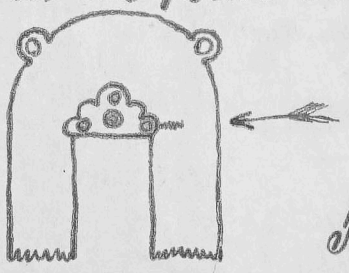
April 6th 8.

Hon. James Pollock,

Superintendent.

Sir;

I am exceedingly sorry to be obliged to report an accident to our N.Y Coining Press. Yesterday during the coinage of dollars, the arch of this Press cracked at the point indicated in the following sketch.



The crack spread so rapidly after being discovered, that it became necessary to stop the Press. It is now worthless for the coinage of dollars, and I would respectfully recommend, that authority be granted to have a new arch made at once, in order to put this Press into effective condition again.

Very Respectfully Yr Obdt

Ob. Boerstler

Coiner.

April 6th 8.

Hon. James Pollock,
Superintendent.

Sir; In accordance with the provisions of Section 3504 Title XXXVII p. 486 Revised Statutes, I have the honor to recommend and nominate, for appointment, as Adjuster, at $1.75 per diem, the following:-

Miss Helen E. Brinton, vice Miss Sara Jackson, resigned.
Mrs. Amelia V. Helmick,
Mrs. Susan DeHaas,
Miss Mary Moore, and
Miss Jennie E. Holcomb.

These appointments to take effect upon confirmation. I desire to ask that it may be necessary before the close of this month, in order to get out the amount of coin desired, to nominate some additional Ladies.

Your obt Serv.

Very Respectfully
O.B. Bunnell

April 6th 18.

Hon. James Pollock.
Superintendent.
Sir;

In forwarding the recommendations for appointment to Midshipmen, of this date, I have the honor to state that Miss Helen E. Brewster comes strongly recommended by Gen. W. Chiles Esq, D. Dillwyn Parrish, and other eminent citizens.

Miss Amelia T. Helmick, is a sister of J. Finley Smith Esq, and this appointment is especially requested and desired by the Hon J.D. Cameron.

Miss. Susan De Haas is a widowed cousin of Governor Jno. F. Hartranft- entirely without means of support, and the Governor makes a personal matter of this application, earnestly desiring it to be made.

Miss Mary Moore is strongly endorsed by the

Hon. Jas. Welch, Rev Dr Davies, Wm R. Leeds Esq,
Hon S.J. Randall & others -, and Miss Jennie
Holcomb is urged by the Hon. E. Reed Myer
and other influential citizens of Bradford Co.

Very Respectfully
Your Ob. Servant
O. G. Babcock
Comm -

April 8th 8.

W. P. Smith Esq

240 East 18th Street, New York.

Sir: In reply to your letter of 6th inst., I have the honor to state that it has never been deemed necessary to keep an accurate account of the proof set made, as such, until the year 1873. Since then there coins have been accounted for seperately. I have searched through the records of this office for the number struck in 1859, but have failed to get at the amount.

From Jan. 1st 1873 to April 1st '73 there were delivered as Proofs, the following dollar pieces, viz:-

$600	of	Dollars,	making	600 pieces.
300	"	Half Dollars	"	600 "
150	"	Qr. Dollars	"	600 "
60	"	Dimes	"	600 "
30	"	Half Dimes	"	600 "
18	"	Three Cent	"	600 "

From April 1. to Dec 31st 1873. the following silver proofs.

$600	Trade	Dollar	making	600 pieces
250	Half	"	"	500 "
150	Quarter	"	"	500 "
50	Dimes	"	"	500 "

Respectfully Yours &c. Robert O.B. Babybell Coiner

April 8th 8

Messrs J Ostrom & Son

Gentlemen

Your favor of the 6th at hand and in reply would state that your offer for the scraps is accepted. and they are now ready to be delivered to you.

Please call for them at your earliest convenience, and the Slips of the bars We wish will be furnished,

Not being aware of the price you charge for Coppers this year We cannot tell about your Statement of the amount Fifteen hundred ounces of Scraps will produce.

If your price is 24¢ per pound, We make the amount to be delivered to the Mint 1058 lbs instead of 964 lbs as you have it. but the difference of 10¢ per pound is Satisfactory to.

Very Respectfully
Your Obedient Servant
O. C. Bodyfield
Coiner

A

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April 9th 1875

Hon. James Pollock,
Superintendent.

Sir,

In accordance with the provision of Section 3504 Revised Statutes, I have the honor to recommend and nominate for the position of Assistant Miss Elizabeth Lester, at $1,75 per diem, to take effect upon confirmation.

Very Respectfully
Your Obt. Servant
O. B. Babyhall
Comm.

April 9th 8.

Mar James Pollock,
Superintendent,
Sir;

In forwarding the enclosed nomination of Miss Elizabeth Lester, I have the honor to state that it is made at the request of the Secretary of the Treasury, through the Director of the Mint, to oblige Earl Dufferin of Canada.

In making this recommendation, I do not know what the qualifications of this young lady may be, never having seen her - but presume, from her testimonials, she will be able to do the work of the position named.

Very Respectfully
Your Obt. Servant
O. C. Babcock
Lieut.

Mint of the United States
AT PHILADELPHIA

April 10th 8.

My dear Mr. Stokley.

I am in receipt of your valued favor of 9th inst, and in reply would state that a number of appointments of lady employees have recently been made, and that I do not think it will be necessary to add any more to our force. Should we require more your recommendation of Mrs. Ed. Coulter will receive every consideration we can give it, under the tremendous pressure brought to bear on the Mint Authorities by the hundreds of applicants already on file. with the army of potent, and influential gentlemen at their backs.

With a desire to always personally oblige you

Remain, with great respect

Very Truly Your Obt Svt

R. E. Rothwell Cashier

Hon. W. S. Stokley
Mayor

April 19th 8.

My dear General.

Your polite note of yesterday is at hand. The time has not yet arrived when I can be of service to Mr Barber, but when it does I shall be very happy to do what I can for him. I am free to confess that I feel very kindly towards him - not only because he was a good soldier during the war, but because of his ability to do the work required him, and because of his failing that caused us to remove him.

When the improvements we have under way are completed, and we find it necessary to add to our force I will see if something cannot be done for him.

With kind wishes I am
Respectfully Yours &c &c
Ob. Ruby Hall Asst

Hon W. H. Bingham
Asst

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA

April 16th 18

Mrs. Maria Kavanaugh
1536 Sansom Str. Philada

My dear Madam.

In reply to your letter of yesterday, I have the honor to state that your papers are still on file in this office. A number of Orders have recently been added to our force, and I scarcely think it will be necessary to increase it any further.

I am exceedingly sorry we have not been able to reach your case, but I am sure you will not wonder, could you be aware of the many applicants whose situations are infinitely more distressing than yours. at least 5 persons are from this time forth to one.

Should an opportunity occur by which I can oblige you, I shall be very happy to do so.

I am respectfully Madam Your Ob. Servt
Robert Patterson Supt.

April 10- 6.

Mrs. E.V. Cooke
2419 Walnut St.
Phila.

My dear Madam-

Your note of 8th inst is at hand, and in reply have the honor to state that Mayor Stokely has placed your name on file in this office, in a strong letter of recommendation.

Should it be necessary to add to our force of City employees, he will give all the consideration he can to your case, but the prospect does not look promising.

Very Truly Yours
Jno. O'Hotie
Dir. Bureau
Cor.

April 12th 8.

Hon James Pollock,
Superintendent.

Sir;

I have the honor to request that William McDaniel, a Laborer, be assigned to duty as a Cleaner in this Department, at $3 per diem, vice Alexander Crawford assigned to duty in the Adjusting Room.

Very Respectfully
Your Obt. Servant
O. C. Barbyshell
Coiner.

TREASURY DEPARTMENT.

Mint of the United States
AT PHILADELPHIA.

April 13th 1875.

Hon James Pollock
Superintendent.
Sir;

In reply to the Directors inquiry respecting the difference in the price paid for Melts to Mrs. Isabella Horner, from those paid for by the Melter and Refiner, I have the honor to state that the material used for the Melts made for this Department is a few superior quality and the Melts are much larger.

We could not use the melts that are suitable for the operations of the Melting & Refining Department. We require a stouter and much larger Melt at the annealing furnaces.

Mrs. Horner has been making these Melts for this Department for a great many years. indeed ever since her husband was killed by the

explosion of Gas in the Coiners Vault. and has
supplied us with the best, and most economical
article for the purpose intended, that we can
get. After the material used in the
manufacture of a pair of mitts is paid for,
she does not receive a profit of more than
Twenty cents (20¢) for her labor.

We need the kind of mitts she
makes, and of the materials used. and I
am well satisfied that price paid is as
low as we could get the work done, and in-
deed less than should be paid.

I have the honor to transmit herewith
a pair of the Mitts used by the Melter
& Refiner's Department, and three used in
this Department.

Very Respectfully
Your Obt. Servant
D. C. Bailey Asst
Coiner.

April 15th 8.

Hon. James Pollock,
Superintendent.
Sir;

I have the honor to report that the wood now being furnished this Department by Mr. F. D. Watson, is in every respect satisfactory. There is a certain amount of small wood always required to mix with the regular size deemed - One day during last week too much small wood came, which fact was immediately communicated to Mr Watson - since which time the deliveries have been perfectly satisfactory. The occurrence so trivial, that but upon your verbal request, I should not have deemed it of sufficient importance to report. I am Very Respectfully

Your Obt Servant D. C. Barbinell Chief.

April 16th 18.

Hon James Pollock
Superintendent
Sir.

In compliance with the request of the Director, I have the honor to transmit herewith a copy of the Liberty Medal No 1. Struck in Copper (not Bronze) which shows the effect of the Crack on reverse die. This occurred in Striking the first Gold Medal, and has remained in the way since. I cannot lay my hand now on the correspondence but I think attention was called to this matter at the time, and it was decided to use the die as it was.

Very Respectfully
Your Obedient Servant
O. C. Boseworth
Coiner

Annie 20th 1.

Hon. James Pollock,
Superintendent.
Sir:

It is with profound sorrow that I am called upon to announce the death of Mr. Jonathan Tomkins, for very many years a valued employe of this Department.

He was ill 10 days ago he was stricken down with an acute disease, which terminated in his death yesterday afternoon at 3 o'clock.

I am sure you will, with all in the Mint service, feel he has sustained in the demise of so useful a man.

Very Respectfully,
John H. Ennis
Q.C. Barkshell
Coiner.

April 24th 1865

M. H. C. Smith
New York
Fiji

In reply to your favor of the 22nd inst I have the honor to state, that during the calendar year 1864 there was 12,090 Dollars struck and for the fiscal year ending June 30th 1864 the following Sets in Proof coin issued, Gold 34. Silver 905. Bass 600. — It is impossible to give you the number of Proof Sets issued for the years 1859-1869, for the reason before stated in my Communication to you of April 8th 1865.

Very Respectfully
Your Obedient Servant
O. C. Barbyshell
Coiner

April 24th. 5.

Wm. James Pollock,
Superintendent.
Sir;

I have the honor to request the transfer of the following named employés to the positions named, to take effect on and after 1st May 1st, to wit:-

John Lord from Helper to Coining Room at $3. per diem
Joseph Cusack " do " Roller " $2.50 " "
J. D. Devier " Laborer " Coining Room " $3.00 " "
Henry J. Cooper " do " Coiner " $3.00 " "

I am Respectfully
Your Obt. Servant
O. B. Borbyshell
Coiner.

April 21st 8.

Hon. James Pollock,
Superintendent.
Sir;

In forwarding the enclosed request for the transfer of certain employés, I have the honor to state, that Messrs. Lord & Cusack were appointed in this Department early in the year 1877, and it was intended to use them as Helpers in the delivery of Clippings, and receipts of Ingots, or any where where their services might be needed - Our work increased so that the former has been constantly employed in the Coining Room, and the latter at the Rolls.

I now desire to have these men regularly assigned to the duties named, and have recommended their compensation to be placed

at the same figure, with those who do precisely the same work. I need not ~~Dax~~ add that two more faithful men, or better workmen are not to be found in the Mint.

The same thing can be said in the request for the transfer of Seiver from the Laborers' Roll to the Coining Room.

You told me some weeks ago that as soon as I asked for this transfer you would grant it. The near approach to completion of the new hoisting machine, makes it necessary to secure a competent man to run it and I am sure you will agree with me in the selection I have made. Henry J. Cooper a one-legged soldier certainly possesses full qualifications for the place, and the fact of his infirmity (in no way interfering with his duties) makes it eminently proper that he should be selected.

Very Respt. Your Obt Servt
C. E. Babycock Asst.

April 27th 6.

Hon. James Pollock,
Superintendent.
Sir;

Returning to the letter of the Director of the Mint to you, of 22nd inst, respecting the bids for a new arch to Press No 7, in which he suggests the possibility of having the cracked arch repaired, but leaving this point to be decided by yourself "aided by the experience of the machinists of the Mint, and of such other as you may deem proper to advise with upon the subject," I have the honor, at your request, to submit the following.

Messrs James and Downing, Machinists in the Mint, and also Messrs Wagner and William Fallon who, all agree that the arch can be repaired. That the operation would

very considerable, and that the Press after being repaired, would not be satisfactory inasmuch as it could not be used for heavy work. Three parties all, or nearly all differ as to the manner of making the repairs.

Mr. James says "in my judgment such repairs could only be done at considerable cost; and would I think give but little satisfaction, while the appearance would very much mar the symmetry of the press."

Mr. Downing says, "in my opinion such repairs would not be satisfactory. While the press, possibly would be made serviceable for light work, the stamping of dollars as it would probably fracture the casting, (which has the appearance of being weak) in some other place, and thus sacrifice the cost of the repairs. To have the press in good condition for general work I would recommend the purchase

3

of a new arch."

Mr. Orr says it can be mended but would be unsatisfactory. Mr. Gen. Marsh, foreman for Allen Orr does not agree, thinks it would cost as much to repair, as to secure a new arch.

Mess. Com. Sellers etc. say, "Were we the owners of the piers, and it had been broken in performing the work we expected of it, our only thought would be to replace it with a stronger one. Our experience in mending machinery of this character is such as to warrant us in recommending an attempt to do so. x x x The Cairo, Vincennes & Chicago will rely on their work efficiently if rapid and unyielding. The proper rigidity can best be obtained by steel metal. Any attempt to patch up the piers will introduce elements of weakness and elasticity and will in our opinion cost more than a new cast iron one."

4.

With the views of these practical men before me, I can but repeat my suggestion or recommendation of 6th inst, to wit:- that authority be granted to have a new arch made at once, in order to put this press into effective condition again.

It is my opinion also, that a Cast iron arch will answer our purpose. Whilst it might possibly be well to have an arch capable of sustaining the immense pressure claimed for steel, still for all the work our presses may be subjected to, a Cast iron arch will I feel sure answer. I should like to try a steel arch, but for the mere purpose of an experiment, do not feel authorized to advise such an additional expense over an iron one, when we know the latter will do.

Very Respectfully Your Obt. Servant
O. B. Rockwell
Lieut.

April 30th 8.

Hon. James Pollock,
Superintendent.

Sir;

At your request, I have the honor to submit the following, in reply to the letter of Mr. T. M. Bradley, Cashier Sub. Treasury, Chicago, [illegible] of 26th inst, enclosing a Standard Silver [illegible] having certain differences on its reverse side, from some dollars received by him from this Mint.

The Dollar sent by Mr. Bradley is a genuine piece, struck from dies at present in use. Those he speaks of as having received from the Mint, are from the first dies used. I find on examination, that twenty pieces from the first dies used, file just one piece higher, than twenty pieces from

dies now in use. This difference arises from the fact that an entire new Reverse Hub was made to correct defects in the first one. Slight alterations were made in the wings of the Eagle, and in the Olive branch held in its claws - and the border lowered - This latter alteration causes the difference in piling. In the coinage of a new piece there is always more or less difference in the earlier coins produced. In order to test whether dies will do the work required of them or not, it is necessary to try them in the presses, and by practically using them determine their worth, and if found faulty, make the correction.

This has been done with the new Dollar dies, and accounts for the difference discernable in the coins.

Very Respectfully Your Obt Servant

Ob Boboyshell

Coiner.

April 20th 8.

Hon. James Pollock,
Superintendent.

Sir;

For many months the rooms in the basement used for the manufacture of Medals, and for the hardening of dies, have been, and still are very much crowded by the appliances necessary for these operations, and the presence of the workmen required to perform the work. The men manufacturing the medals interfere, with the men hardening the dies, and vice versa - without in the least meaning to do so, but the cramped condition of affairs prevents any other result. Both Mr. Barber and myself have long felt that we could take the work belonging to our

respective departments very much better, if we could have separate apartments, for our men to occupy.

In view of all this, and to increase our facilities for the manufacture of metals, I have the honor to request permission to have the vault under the back porch, at present used to store charcoal, fitted up for a work room. This will necessitate the placing of a window in the west wall of the vault attended to. This can be done without the least injury to the stability of the general walls of the building, and the entire work, with the exception possibly of the cutting of the outside marble, can be accomplished by the men employed in the Mint.

Trusting that you will authorize this improvement as soon as possible, I am

Very Respectfully Your Ob't Servant

R. E. Preston

Supt.

S. DEPARTMENT.

Mint of the United States
AT PHILADELPHIA.

April 30th 1875.

Hon. James Pollock
Superintendent.

Sir,

I have the honor to transmit herewith a Report of the Co[illegible]ter for the month of April 1875, [illegible] amount of the monthly Salaries ($2,010

[illegible] showing [illegible] ing to [illegible], as in [illegible] than has been [illegible] at any Mint. [illegible] this pleading result has required careless endeavor on the part of the persons employed in this Department, and I feel sure that you will join with me in awarding the meed of praise due, to their faithful en-

ployes. This average represents fifty nine and a quarter (59¼) tons of dies.

To produce the amount of pieces reported there were used Eighteen (18) Horses and Thirty (30) Reverse dies, or Twenty-four (24) pairs of dies. Hence in March each pair of dies averaged 83,750 pieces. While in March the average was only 43,542 to a pair of dies.

This result is also gratifying, demonstrating, as it does, that the dies are prepared with more care, or at least that they are standing better than they did.

Very Respectfully
John H. Tennant
Ch. Babcock
Coiner.

COINER'S DEPARTMENT

May 1st 8

Mar. James Pollock,
Superintendent -
Sir;

In cleaning out the Medal Clipping Vault Mr Speckt, foreman of the Medal Room, found the accompanying die, obverse, head of "Josephus. I.D.G. Port. et. alg Rex. 1772." which I respectfully leave in your hands for disposal.

Very Respectfully
Your Obt. Servant
D.C. Brobyshell
Coiner.

TREASURY DEPARTMENT.

Mint of the United States
AT PHILADELPHIA.

May 6th 1878.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of Section 3501 Revised Statutes, I have the honor to recommend and nominate, for the position of Adjuster, Miss Elizabeth P. Jones, at $1.75 per diem, to take effect upon confirmation.

Very Respectfully
Your Obt. Servant
O. Babyshell
Cashier.

May 6th 1858.

Hon. James Pollock,
Superintendent.)

Sir;

In forwarding the accompanying nomination of Miss Elizabeth P. Jones, I have the honor to state that she is warmly recommended and endorsed by A. London Snowden, Esq., who earnestly desires her appointment, and has personally urged her claims.

I trust you will make the appointment. I can very readily find work for the lady.

Very Respectfully
Your Obt. Servant
O. C. Babybell
Courier.

May 8th 8.

Mr. Roderick Tolles,
Commissioner for the Government of Honduras,
Care Mr. Jacob Reig,
35 Broadway. N.Y.

Sir;

I have the honor to state in reply to your offer that I cannot agree to go to Honduras, as Courier and General Machinist of the Mint to be established by that Government, upon the terms suggested by you.

I could not think of accepting the position at a less salary than Four thousand dollars ($4000) per annum. two thousand dollars ($2000) of which should require paid in advance, and the balance placed in the hands of some responsible party in this Country.

I am Sir, Very Respectfully Yr. Obt. Servant
J. W. Helfrich

May 9th 8.

Hon. James Pollock,
Superintendent.

Sir;

In regard to a new brass triangle to replace the one broken in Press No. 8, I have the honor to state, that I communicated with a number of responsible parties, as to the cost for furnishing the same, with the following result, viz:-

Mr. Geo. C. Howard agrees to do it for $85.30
Messrs Wm B. Bement & Son " " " " " 98.75
" Orr, Hess & Morgan " " " " " 125.00
" D. Gilbert & Son " " " " " 130.00
" Wm Sellers & Co. " " " " " 164.22

I forward herewith a requisition on Mr. Geo. C. Howard, for the work, for your approval.

Very Respectfully Yr Obt. Servant
O. C. Barbyshell Coiner.

May 18th &

Hon James Allcock
Superintendent
Fiji

In accordance with your request, I have the honor to transmit herewith the drawings and dies belonging to the Government of Honduras, left in my possession by Mr Roderico Toledo.

I desire to state that these articles are in the same wrappings as they were delivered to me, never having been opened since Mr Toledo left here.

Very Respectfully
Your Obt. Servant.
O. C. Borbyshell
Coiner

DOCUMENTS DEPARTMENT

Mint of the United States
AT PHILADELPHIA

May 18th 1.

To the Honorable the Judge of the
Court of O. & T. and Quarter Sessions.

Sir;

Mr. Michael Specht has been summoned as a juror in your Court, to attend on the 20th inst.

Mr. Specht is the foreman of the room in which Medals are manufactured, and his personal attention is required constantly in this work. His absence would put the department to much inconvenience, and I trust you will therefore be kind enough to excuse him from serving as a Juror.

Very Respectfully
Your Obt. Servant
A. C. Boyden
Coiner.

Mint of the United States
AT PHILADELPHIA

May 18th 1878

To the Hon Judge of the
Court of Q. & T. Quarter Sessions

Sir.

Mr. Richard Somers an employee of this Department engaged in the Rolling Room, has been summoned as a Juror in your Court. Owing to the great pressure on this Department to get out Coin, and Mr Somers being required to do an important work, You would render the Service a very great favor by excusing him.

Very Respectfully
Your Obedient Servant
A. E. Boteler.
Coiner.

May 20th 8.

Hon. James Pollock
Superintendent.

Sir;

In regard to the transfer of Miss M. C. Murphy, from the Adjusting Room to the Coining Room, refered by the Director to you, I have the honor to state, that the pressure at present upon the former room is so great that I do not feel justified in dispensing with the services of one adjuster, especially as the force in the latter room is sufficient to do the work required therein.

There are other reasons why I do not think it would be desirable to make the change requested, that can only be explained in a personal interview.

Very Respectfully Your Obt. Servant
O. C. Bosbyshell Coiner.

Mint of the United States
AT PHILADELPHIA

May 21st 1878.

Hon James Pollock
Superintendent
Sir:

I have the honor to state, that I shall require at least twenty five (25) additional Adjusting scales, to replace a number of scales that are worn out, and to increase our facilities for adjusting blanks.

Mr Heetemann has made a scale that has many advantages over those in use, and I should like to have the scales it is proposed to purchase made after his pattern.

Messrs Henry Troemner and Mr Jacob Dell are scalemakers in this city—either of whom could make the scales desired, and I respectfully solicit permission to write to them gentlemen and have them make a bid for the mat-

-ufacture of the Scales named, after the pattern of the Westermain.

In this connection I desire to state, that the late Mr Jonathan Tompkins, made a most excellent Scale, which he, a couple of weeks before his death completed, and placed in the hands of one of our most experienced Adjuster— This Scale was made by Mr Tompkins at his home, after Mint hours out of material furnished by himself, and I would respectfully recommend the purchase of the same for the sum of Fifty ($50) dollars.

Mr Tompkins valued it at One Hundred ($100) dollars, but I do not think the would be justified in paying over half that price, as I am satisfied she could purchase a similar one for the amount named.

I have the honor also to call your attention to the case of the Westermans, who is at present temporally filling the place made

vacant by the death of Mr Tompkins.

I deem Mr Stuteman a most valuable man for the Mint to hold. He possesses more than ordinary ability in his line, that of a Scale maker, and has in the time he has been in the Mint employ, developed rare genius in the performance of his duty. I therefore strongly urge his appointment to the position lately filled by Mr Tompkins, and as he not only fulfill all the work devolved on that gentleman, but shows decidedly more ability in the doing of it, I would urge that his salary be fixed at Four (4) dollars per day, the same pay received by Mr Tompkins.

Very Respectfully
Your Ob't Servant
O. C. Boboyshell
Coiner

May 23 8

Mrs C. S. Chew

Dear Madam

In reply to your favor of the 22nd inst. I have the honor to state, that by calling at this Department between the hours of 9 and 12 o'clock, you will be furnished with bags as promised.

Very Respectfully
Your Obt Servant
O. Butterfield
Comr.

May 22d. — 8.

Messrs. J. Lovett Co,
Jr. & Chestnut Street, Phila.

Gentlemen;

In regard to odd lots of Oak - say 60 Cds. Offered by Jno. W. Love to the Superintendent and myself this morning, at $6.50 a Cord, I have the honor to state, that inasmuch as Mr. F. D. Watson is and has been for years, furnishing the Mint with a very satisfactory article of wood, at Regular prices, and owing to an want of room to store the quantity named, I cannot decline to recommend the purchase of your wood.

Very Respectfully
Your Obt. Servant
O. B. Babyshell
Coiner.

May 23rd 8.

Hon. James Pollock,
Superintendent.

Sir;

In accordance with the provisions of Section 3504 Revised Statues, I have the honor to recommend and nominate, the following:-

Philip L. Dubay to be a Guard at $2.90 per diem
G. D. Hansen " " Cleaner " 2.00 " "
Christ Hildenbrand " " " do " 2.00 " "

for appointment, to take effect June 1st 1870.

Very Respectfully
John M. Sewrant
Q. C. Rockwell
Comm.

May 23rd — 1878.

Hon. James Pollock,
Superintendent.
Sir,

In forwarding the enclosed recommendation for the appointment of Messrs. Dubray, Krusen and Hildenbrand, for Cutter and Cleaners respectively, I have the honor to state that the services of an additional Cutter is required, and the alterations at present being made in the Whitening Room, will require more men. These alterations will be completed in about two (2) weeks, and in order to have the new hands understand the work required of them, I should like to have them report on the 1st of June.

As to the nominations made, Mr. Dubray is the old School mate, and life long

friend of the Hon. Wm. D. Kelley, who strongly urges this application. Besides Mr. Dubosq is an old, and much esteemed manufacturer of this city. Reverses in trade have made it necessary for him to seek a place.

Mr. Krusen is recommended by some of our best citizens, and by well known Clergymen. He is personally well known to myself, and was a faithful Union Soldier, and is a Republican citizen of ability and character.

Mr. Hildenbrand is asked for by the best local Republican influence. He is a German citizen of much weight in this city. is strictly honest, sober and faithful.

I trust you will make these appointments without delay, so that the parties named can be at work by the 1st prox.

Very Respectfully
Your Obt. Servant
D. B. Babyshell
Comr

May 24th 8

Mr Jno G. Doll,

D.Sir:

Please call here and examine an adjusting Scale We have, and then We would like You to give a bid as to what price You will make us Trenty five (25) Scales of a Similar pattern.

We have asked for bids from other parties.

Very Respectfully
Your Obt Servant
Ob. Babybell & Co.

May 24th 8

Mr Henry Troemner

Dear Sir:

Please call here and examine an Adjusting Scale We have, and then We should like You to give a bid as to what price You will make Us Trenty five (25) Scales of a Similar pattern.

We have asked for bids from other parties.

Very Respectfully
Your Obt Servant
Ob. Babybell & Co.

May 24th 8

Messrs Dalrson

Gentlemen

I have the honor to acknowledge the receipt of your favor of this date, and in answer there-to, would state we will be ready to have the table covered on Monday 27th inst.

Very Respectfully
Your Obt Servant
O. B. Bosbyshell
Coiner

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COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA.

May 28th 1866.

Capt. W. W. Remington,
Bridgeport. Penna.

My dear Sir:

I am in receipt of your very strongly urged application of Miss Laura E. Landis, for appointment in the United States Mint, and have the honor to state that I will place it on our special file, and whenever an opportunity presents will most gladly do what I can to give her a place. The pressure for places is enormous, but our institution is at present as full as we can well work. Vacancies seldom occur, but rest assured I will at all times serve you when I can.

Very Respectfully Your friend & Obed't
O. C. Pollock
Supt.

May 28th 8.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to report that I have received the following bids for the manufacture of twenty-five (25) Adjusting Scales, after the pattern of that made by Mr. Westermeier, to wit:-

Henry Foermer Forty-two dollars ($42) each.
J. G. Deck Fifty dollars ($50) "

In accordance herewith, I send, with this letter, a requisition on Mr. Henry Foermer for the scales denoted, for your approval.

Very respectfully
Yr. Ob't Servant
G. Bickhell Coin

CONTROL DEPARTMENT

Mail of the United States

May 21st 8.

Hon. James Pollock,
Superintendent.

Sir;

I have the honor to state that I desire to be absent from the City during next week, and would respectfully request that my Assistant, Mr. William S. Steel, be made Acting Cashier during my absence.

Very Respectfully
Your Ob. Servant
O. H. Borgstrom
Cashier.

June 5th 8.

Col A Loudon Snowden
Post Master
D. Sir:

During the temporary absence of the Coiner, I take the liberty of sending by Beam, One (1) Bronze Centennial Medal of Award, agreeably to your request of the Coiner, in your note of yesterday

Very Respectfully
Your Obedient Servant
H. D. Steel
Asst to Coiner.

Mint of the United States

June 11th 1878

Messrs J. Oat & Son

Gentlemen

Please send to this Department at your earliest convenience, for One (1) Copper Cullender to be repaired, and to be settled for with old Copper.

Very Respectfully
Your Obt Servant
O. C. Boskyshell
Coiner

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA

June 12th 1878.

Messrs J Oat & Son
Gentlemen

We find that the Copper Cullender now in use needs repairing, and will not last more than two days, we therefore return the one you have, as soon as possible.

Very Respectfully
Your Obt Servant
O. C. Boskyshell
Coiner

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June 12th 8.

My dear Mr. Bickford.

In reply to your repeated strong personal appeals for the appointment of Miss Aggie Smith, to the position of Adjuster, I have the honor to state, that owing to the fact that there is no necessity for an increase in our force at present, I am unable to oblige you in this matter. I should be very glad to serve you, but at present, it is out of my power.

Miss Smith's application is on a special file, and whenever I find myself able to recommend her appointment, be assured it will afford me much gratification to do so.

Very Respectfully
Your friend & Obt Servant
R. E. Roberts
Cashier.

Wm H. Bickford
Chief Clk U.S. Mint

June 13th 8.

Hon James Pollock
Superintendent

Sir:

I have the honor to append the following list of Stationery, for the use of this department, for the ensuing Six months.

To-wit.

Half (½) dozen bottles Arnolds Writing Fluid
Quarts (¼) " " " Copying "
Three (3) " Tablets, assorted sizes
Two (2) " Pen holders " "
One (1) Quart bottle mucilage
One (1) Gross Faber Lead pencils #2
Two (2) Reams Commercial note paper
One Thousand (1.000) White envelopes, to match

over

Five hundred (500) White envelopes (printed Rowley Jones Supply)
Quarter (1/4) ream Blue Hing paper
Three (3) Copying book brushes
1/6 dozen Ballo Red Tapes.
One (1) Gross Commercial pens.

Very Respectfully
Your Obt Servant
C. C. Borbyshell
Coiner.

June 14th 8.

Wallace Gives Esq.
1st Nat'l Bank
Tamaqua Pa

My Dear Sir:

Pardon my delay in replying to your favor of 27th ult, but absence from the city, and a heavy pressure of work has caused it to be overlooked.

Your Half and Quarter dollars cannot be exchanged in the manner You suggest, as the Government purchases Bullion for their manufacture with gold. but will be received and paid for in new dollars and will produce if not much more, about Five Hundred & Eighty (580) dollars,

Regretting my neglect, to respond

promptly I am.

Very Respectfully
Your Friend & Obt Servant.
O. B. Borbyshell.
Coiner.

TREASURY DEPARTMENT

Mint of the United States
AT PHILADELPHIA.

June 17th 1878.

Wm. James Pollock,
Superintendent.

Sir;

I have the honor to state, that needing an additional Crane in the Cleaning Room, I asked Messrs Orr, Hess & Morgan, and Messrs Wm Sellers & Co, to estimate for it.

These firms each named the same amount, to wit, Two hundred and fifty dollars ($250), but inasmuch as the Messrs Sellers & Co, would guarantee the Crane they proposed to build, as only capable of lifting 500 pounds, and as the one Messrs. Orr, Hess & Morgan proposed building will lift 1000 pounds, I most respectfully request permission to direct the latter firm to build the Crane.

Very Respy Your Obt. Servant
Oliver Bosbyshell Coiner.

COINER'S DEPARTMENT

Mint of the United States
AT PHILADELPHIA

June 17th 1875

Col A. Loudon Snowden
Supt Mint

My Dear Colonel

I have the honor to call your attention to the amount due this Department for United States Silver Centennial medals of award, and in view of the approach of the Annual Settlement, would be pleased to have you give this your early attention.

Very Respectfully
Your Obedient Servant
C. E. Boteler
Coiner.

June 25th 8.

Hon. James Pollock
Superintendent.
Sir,

I have the honor to enclose duplicate bills endorsed as Correct by any self, of Messrs. Wm. Struthers & Sons, for materials furnished this Mint, at different times for several years back, amounting to $7,120, with a letter of explanation from the parties named.

The reason these articles have not been paid for, it became there were not any appropriations ever made for this purchase, and upon the presentation of the bills, there not being no authority for the purchase, no one took the responsibility of marking them correct.

Messrs Struthers Wallace called to see me about the matter a few days ago, and I

recommended him to prepare duplicate bills, with letter of explanation, and Summit look into the matter, and if correct of their corrections, which certify them, and forward the whole matter to you.

I am certain these articles were furnished for, and used by the Mint, and that the Men Struckers have never been paid.

Trusting that you place these bills in the proper channel, so that warrant may issue to the Men Strikers, I am

Very Respectfully,
Your Obt. Servant
O. C. Babcock
Lieut.

Sir

June 26 [illegible]

Your Committee to whom was referred the matter of locating the new transfer balance, now in course of erection, would respectfully report as follows:

1st That the Express Co. is not to occupy the same room, the Safe is properly placed, but the melter and refiner will be cramped for room, especially when clippings are being delivered, unless the whole room is occupied for transfers of bullion. Your Committee would therefore recommend that the Entire room be occupied

By this means, the Trucks Containing the Clippings from the Cutter could be brought in through the door on the East Side of the Transfer room, and those of the M & C, Containing cuttings on the West Side. Ample room would thus be allowed for all the work at this balance.

Your Committee would further State, that if the Transfer balance were placed under the arch, the flues would have to be closed up, and no arrangement could be made for heating the room, except by fire in the grate.

Very respectfully

O. B. Babcock.

M. D. Wood

James B. Cowden

Henry L. Garrett

H. S. Cochran

By this means the Trucks Containing the Clippings from the Coiler could be brought in through the door on the East Side of the Transfer room, and those of the Work Containing ingots on the West Side. Ample room would thus be allowed for all the Work at this balance.

Your Committee would further State, that if the Transfer balance were placed under the arch, the flues would have to be closed up, and no arrangement could be made for heating the room, except by fire in the grate.

Very respectfully

Jas. B. Camden

D. C. Robbins.

Jno. L. Cochrane

for the transfer of bullion,
and that Mr. Thompson
be assigned to the room
now occupied by the
Calculating Clerks. There
would then be sufficient
space left in the Transfer
room for desks for Mr. Walker
and Thatcher. The vault
now used by the Express
Co, could be opened into
the Coin's vault, and
that officer, afforded
additional capacity for
storing bullion. The Express
Co. could use the vault
in the room now occupied
by the Calculating Clerks.

COINER'S DEPARTMENT

June 28th 8

Mr Edward Peck

Dear Sir

I have been in the habit of furnishing the Post, Evening Bulletin, Evening Telegraph and Public Ledger, with Monthly Statements of Coinage executed at this Mint, and by seeing your Statement of same, will you furnish the above named papers with a copy

Very Respectfully
Your Obt Servant
A. Boteler Roll
Coiner &c

June 28th 8.

Messrs Wm Struthers & Sons

Gentlemen

I have the honor to enclose copy of a letter received from the Director of the United States Mint, explaining the manner in which your bill must be presented to be paid.

Please render duplicate bills in accordance therewith to this Office, and I will forward them for payment, and notify You when to call for your money.

Also send bill for the amount that will still be unpaid, so that the Director can ask the next Session of Congress for the money.

Very Respectfully,
Your Obt Servant
O. L. Babbitt Comm.

...ERS DEPARTMENT

...ent of the United States
AT PHILADELPHIA

July 2nd 18...

Mrs Elvira Earp
Lynn. Mass.

Dear Madam,

Your favor of 1st inst is at hand. It would afford me much pleasure to recommend the appointment of your sister-in-law Miss Emma Blair to a place in the Mint, if I could, but we have as large a force employed at present, as can be effectively used. Besides the applications for places are many, all strongly endorsed, and all entitled to consideration. Mr. Blair called this morning. I told her the situation, just as I have written you. I am sorry I cannot do as you request.

With kind wishes to all

Very Truly Yours

Ob. Robbins.

TREASURY DEPARTMENT

Mint of the United States
AT PHILADELPHIA

July 2nd. 8.

Hon. Robt. W. Weir
Supt. Operative Dept. Royal Mint, London.

My dear Sir,

I have the honor to acknowledge the receipt of a copy of the "Eighth Annual Report of the Deputy Master of the Mint," for 1877, for which please accept my warm thanks.

We have just concluded our settlements as Operative Officers, with the Superintendent of this Mint, for the fiscal year ending 30 June 1878.

During that time, as Coiner, I had in my possession 1,426,807.94 ounces gold, and lost in manufacturing it eight hundred & fifteen thousandths of an ounce ($\frac{815}{1000}$). Delivered 20,678,088.05 ounces. Loss 108/22 ounces.

We consider this close working.

With great esteem Your Obt Servant
O. C. Bickhell Coiner.

Mr James Pollock July 5th 8

Superintendent

Sir:

I have the honor to ren
close herewith, reports for the 2d quarter 1878.
as follows.

Fine Gold and Silver Bullion used in the manufacture of medals.
Fine " Medals of a National character.
Fine Silver " " " " " .
Gold Proof Coin
Silver " "
Copper, bronze medals of a National character.
Copper used in the manufacture of bronze medals.

Very Respectfully
Your Obedient Servant
A.B. Boerstler.
Coiner.

July 8th 8.

Maj. James Pollock,
Superintendent
Sir;

I have the honor to state that I desire to have the Adjusting Room arranged more conveniently for the operations appertaining thereto; made more comfortable for the employees therein, and thus rendered more effective for discharging the large amount of work devolving thereon.

To accomplish this very desirable result, I should be pleased to have you approve of the removal from this room of the large portable closet at the east end, formerly used to hold unemployed balances.

The small closet on top of the one referred to, can be placed against the wall

over the entrance door, and this can be used for any future placed of storage for unused balances. Neither of these closets are used at present - they are perfectly useless and occupy space that can be much better utilized.

The line of dressing closets at the West end of the room, I would like moved several feet further west, in order to provide room for another set of adjusting tables. With these improvements the Adjusting Room will be much more conveniently arranged for work, and the cost of making them will be comparatively trifling.

I desire also to call your attention to the cramped space immediately surrounding the new Transfer Balance - and have the honor to suggest that the outside partition be moved four & a half (4½) feet further North - with a skylight

2.

roof projecting from the balcony.

This will leave sufficient space for trucks or persons to pass outside, and will give the Melter and Refiner, and myself, sufficient room to handle bullion, which there is not now. The two closets at present on either jamb just inside, or back of the doors leading into this room, should also be removed.

I deem these alterations absolutely necessary, if the room is to be partially occupied by the Adams' Express Company, but if another place can be found suitable for that Company, and the entire room can be devoted to the work of the transfer balances, these alterations would not be needed.

Very Respectfully
Your Obt. Servant
O. C. Boerschell
Assay.

Mch. 28 2

Mr. Chas. F. Kull

St. Clair, Sch. Co. Pa.

Dr. Sir;

I send you herein, agreeably to your of 27- inst.

One (1) proof set 1882 - cat.	$4.00
Uncirculated $1 - 50¢ 25¢ 10¢ 5¢ 3¢ 1¢ (1881)	1.94
Express charge	.25
Total cost	$6.19
Amt. of Postal order, &c?	Ans
Balance herein (1 $1)	$0.81

I could not get you Trade Dollar of 1881.

Very Truly &c

Chas. Barkhead

April 24th 8

Hon James Pollock

Superintendent

Sir

I have this day packed and forwarded to the Director of the Mint at Washington – a wax impression from the dies for the Hayes Presidential Medal

I am

Sir

Yours Obediently

Geo Morgan

Special Engraver